WEEKLY BULLETINS OF MASS. STATE BOARD OF HEALTH 1900

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Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, Jan. 6, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 1.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

STATE LIBRARY OF MASSACHUSETTS

MORTALITY OF MASSACHUSETTS

MAY 18 1923

For the Week ending Jan. 6, 1900.

STATE HOUSE, BOSTON

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Deaths from Acute Lung Diseases.	Deaths from Scarlet Fever.	Deaths from Typhoid Fever.	Deaths from Diphtheria and Croup.
Boston,	539,416	283	76	69	63	10	2	17
Worcester,	111,732	42	15	3	9	..	..	..
Fall River,	103,142	..	..	..	..	..	..	..
Cambridge,	92,520	32	8	8	7	..	..	4
Lowell,	90,114	18	7	4	7	..	..	..
New Bedford,	70,511	18	7	5	4	2	..	..
Lynn,	68,218	..	..	..	..	..	..	..
Somerville,	64,394	12	2	1	2	..	..	..
Lawrence,	59,072	..	..	..	..	..	..	..
Springfield,	58,266	13	2	1	3	..	..	1
Holyoke,	44,510	8	5	..	..	..	..	..
Brockton,	38,759	..	..	..	..	..	..	..
Salem,	37,723	12	4	1	4	..	..	..
Malden,	36,421	14	6	4	4	..	..	..
Chelsea,	34,235	14	3	2	..	..	1	..
Haverhill,	32,651	17	4	3	2	..	..	2
Gloucester,	31,426	2	1	..	..	..	..	..
Fitchburg,	30,523	13	4	1	2	..	..	..
Newton,	30,461	7	3	1	2	..	..	..
Taunton,	28,527	13	2	2	2	..	..	1
Everett,	28,102	4	2	1	1	..	..	1
Quincy,	24,578	9	3	3	3	..	..	1
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	7	3	1	2	..	..	..
North Adams,	21,583	6	1	..	2	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	6	2	1	1	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	1	1	..	..	..	..	..
Marlborough,	15,914	..	..	..	..	..	..	..
Newburyport,	15,036	3	0	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	4	0	..	..	..	..	..
Hyde Park,	13,132	4	2	..	3	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	4	2	..	1	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	2	0	..	1	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,531,370	571	165	111	126	12	3	27

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1900

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and eleven deaths were reported from the principal infectious diseases: diphtheria and croup, 27; scarlet fever, 12; cerebro-spinal meningitis, 6; typhoid fever, 3; erysipelas, 2; whooping-cough, 2; diarrhœal diseases, 2; measles, 1.

No deaths were reported from small-pox, malarial fever and puerperal fever.

There were 126 deaths from acute lung diseases, consumption, 57, and stillbirths, 23.

From cerebro-spinal meningitis: Boston, 4; Somerville and Newton, 1 each. From erysipelas: Worcester, 2. From whoopiug-cough, Boston and New Bedford, 1 each. From diarrhœal diseases: Boston, 2. From measles: Chelsea, 1.

Deaths under five years of age numbered 165, as compared with 195 for the preceding week.

Deaths from the principal infectious diseases numbered 111, as compared with 70 for the preceding week.

The death rates for the week were: Boston, 27.25; Worcester, 19.53; Fall River, ——; Cambridge, 17.98; Lowell, 10.26; New Bedford, 13.32; Lynn, ——; Somerville, 9.68; Lawrence, ——; Springfield, ——; Holyoke, 9.34; Brockton, ——; Salem, 16.53; Malden, 20.02; Chelsea, 21.28; Haverhill, 26.01; Gloucester, 3.30; Fitchburg, 22.10; Newton, ——; Taunton, 23.66; Everett, 7.40; Quincy, 19.03; Pittsfield, ——; Waltham, 15.96; North Adams, 14.46; Chicopee, 16.88; Northampton, ——; Medford, 3.02; Newburyport, 10.35; Woburn, ——; Melrose, ——.

The total death rate for the week was 19.39 as compared with 17.87 and 17.04, for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JAN. 6, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	167	Measles,	195
Diphtheria and croup,	198	Typhoid fever,	47
Small-pox,	2		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Jan. 6, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Dec. Sunday, 31,	29.87	12	19	5	61	37	49	S. W.	S.	12	9	C.	F.		0.00
Jan. Monday, 1,	29.50	22	27	16	94	67	80	N. E.	W.	15	15	F.	N.		0.56
Tuesday, 2,	29.63	22	30	13	70	56	63	S. W.	S. W.	16	12	C.	C.		0.00
Wednes'y, 3,	30.12	16	21	10	82	56	69	W.	W.	8	12	C.	F.		0.00
Thursday, 4,	30.52	18	29	8	77	61	69	W.	S.	4	7	C.	C.		0.00
Friday, 5,	30.31	34	46	23	66	62	64	S. W.	W.	15	13	O.	O.		0.00
Saturday, 6,	30.38	36	42	30	75	56	66	W.	N.	12	9	C.	O.		0.00
Week, - -	30.05		31	15			66								0.56

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

STATE LIBRARY
OF
MASSACHUSETTS

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, Jan. 13, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 2.

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MORTALITY OF MASSACHUSETTS

For the Week ending Jan. 13, 1900.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	240	56	43	48	5	5	7
Worcester,	111,732	35	9	6	6	..	..	..
Fall River,	103,142	..	..	..	..	..	..	..
Cambridge,	92,520	31	6	6	4	1	1	2
Lowell,	90,114	33	12	3	6	..	..	..
New Bedford,	70,511	15	5	2	2	1	..	..
Lynn,	68,218	20	1	5	2	..	..	..
Somerville,	64,394	19	7	3	8	..	..	2
Lawrence,	59,072	8	7	5	3	..	1	..
Springfield,	58,266	29	7	9	4	..	..	1
Holyoke,	44,510	15	3	2	4	..	..	1
Brockton,	38,759	..	..	..	..	..	..	..
Salem,	37,723	14	5	1	..	..	..	..
Malden,	36,421	..	..	..	..	..	..	..
Chelsea,	34,235	15	5	5	..	..	..	2
Haverhill,	32,651	9	3	1	2	..	..	..
Gloucester,	31,426	13	3	2	..	..	..	..
Fitchburg,	30,523	10	0	1	3	..	..	..
Newton,	30,461	10	2	2	3	..	..	1
Taunton,	28,527	14	4	4	2	..	..	..
Everett,	28,102	8	4	2	..	..	..	..
Quincy,	24,578	3	1	..	2	..	..	..
Pittsfield,	23,421	7	2	..	1	..	..	..
Waltham,	22,791	7	3	..	2	..	..	..
North Adams,	21,583	8	0	2	1	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	10	3	..	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	4	2	2	1	..	..	1
Marlborough,	15,914	..	..	..	..	..	..	..
Newburyport,	15,036	10	0	..	1	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	..	..	..	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	2	0	1	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	1	0	1	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,599,489	590	150	108	105	7	7	17

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and eight deaths were reported from the principal infectious diseases: diphtheria and croup, 17; scarlet fever, 7; typhoid fever, 7; cerebro-spinal meningitis, 3; measles, 4; diarrhœal diseases, 4; whooping-cough, 2; erysipelas, 1.

No deaths were reported from small-pox, puerperal fever and malarial fever.

There were 105 deaths from acute lung diseases, consumption, 63, and stillbirths, 41.

From diarrhœal diseases, Springfield, 2; Boston and Clinton, 1 each. From measles: Springfield, 3; Boston, 1. From cerebro-spinal meningitis: Worcester, 2; Boston, 1. From whooping-cough: Lawrence and Chelsea, 1 each. From erysipelas: Boston, 1.

Deaths under five years of age numbered 150, as compared with 165 for the prceding week.

Deaths from the principal infectious diseases numbered 108, as compared with 111 for the preceding week.

The death rates for the week were: Boston, 23.04; Worcester, 16.27; Fall River, ——; Cambridge, 17.42; Lowell, 18.81; New Bedford, 11.05; Lynn, 15.24; Somerville, 15.33; Lawrence, 7.04; Springfield, 25.86; Holyoke, 17.52; Brockton, ——; Salem, 19.18; Malden, ——; Chelsea, 22.80; Haverhill, 13.77; Gloucester, 21.45; Fitchburg, 17.03; Newton, 17.07; Taunton, 25.48; Everett, 14.80; Quincy, 6.33; Pittsfield, 15.54; Waltham, 15.96; North Adams, 19.28; Chicopee, ——; Northampton, ——; Medford, 12.08; Marlborough, ——; Newburyport, ——; Woburn, ——.

The total death rate for the week was 19.17 as compared with 19.39 and 17.87 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JAN. 13, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	167	Measles,	255
Diphtheria and croup,	261	Typhoid fever,	29

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Jan. 13, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 7,	30.22	33	43	23	77	74	76	S. W.	S. W.	6	16	C.	O.		0.00
Monday, 8,	30.11	28	44	13	76	50	63	W.	N. W.	17	14	C.	C.		0.10
Tuesday, 9,	30.43	19	29	9	79	69	74	N.	S. W.	9	14	C.	O.		0.00
Wednes'y, 10,	29.95	34	45	24	78	58	68	S. W.	N. W.	15	16	O.	C.		0.02
Thursday, 11,	30.20	26	39	13	81	80	80	N.	E.	11	18	C.	O.		0.00
Friday, 12,	29.61	34	39	29	91	72	82	N.	N. W.	9	11	R.	O.		1.65
Saturday, 13,	30.08	29	33	25	77	80	78	N. W.	N. W.	10	6	O.	O.		T
Week, - -	30.09		39	19			74								1.77

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of December.

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	307	234	541	Maple Syrup,	5	2	7
Butter,	19	0	19	Canned Goods,	0	1	1
Cheese,	3	0	3	Honey,	4	3	7
Lard,	1	0	1	Tea,	4	1	5
Olive Oil,	..	..	..	Coffee,	9	1	10
Vinegar,	1	1	2	Cocoa,	0	1	1
Spices,	146	10	156	Condensed Milk,	5	0	5
Cream of Tartar,	34	1	35	Other articles of Food and Drinks,	1	0	1
Molasses,	4	0	4	Drugs,	19	14	33
Syrups,	..	..	..				
Maple Sugar,	..	..	..				
				Totals,	576	269	845

Percentage of adulteration, 31.8. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is therefore mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be below the standard was 43.2 per cent., while the percentage of other articles of food was 7.7.

Seven complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Six of these were for violation of the statutes relative to the sale of milk and one of honey. Fines were imposed amounting to $125.

The samples of drugs found to be adulterated were Extract of Licorice, Ginger, Precipitated Sulphur and Tincture of Iodine.

Cities and towns from which samples of food were collected were Boston, Worcester, Fall River, Cambridge, Lowell, Somerville, Lawrence, Brockton, Salem, Chelsea, Haverhill, Waltham, Medford, Marlboro, Woburn, Andover, Attleboro, Brookline, Dedham, Dover, Hyde Park, Lexington, Medford, Stoneham, Stoughton and Watertown.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

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VOL. XVIII. No. 3.

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MORTALITY OF MASSACHUSETTS

For the Week ending Jan. 20, 1900.

Deaths reported to the State Board of Health in 31 Cities and Greater Towns.

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We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for tbe purpose. A supply of these cards will be sent to any town clerk or health officer who bas cbarge of such returns and is willing to comply witb this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Cerebro Spinal Meningitis.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	222	58	64	44	1	3	17
Worcester,	111,732	37	12	7	4	4	1	1
Fall River,	103,142	36	7	10	5	..	1	..
Cambridge,	92,520	35	12	8	3	..	..	1
Lowell,	90,114	36	5	8	8	..	1	1
New Bedford,	70,511	14	6	4	..	..	1	..
Lynn,	68,218	13	2	2	..	1	..	..
Somerville,	64,394	17	3	6	4	2	..	3
Lawrence,	59,072	21	9	2	6	..	..	..
Springfield,	58,266	20	8	4	7	1	..	2
Holyoke,	44,510	8	1	1	2	..	..	..
Brockton,	38,759	6	2	2	2	..	1	..
Salem,	37,723	14	5	..	4	..	..	..
Malden,	36,421	17	2	2	2	..	1	..
Chelsea,	34,235	12	2	2	..	..	..	..
Haverhill,	32,651	9	3	3	1	..	..	1
Gloucester,	31,426	7	1	2	..	2	..	..
Fitchburg,	30,523	10	1	..	2	..	..	..
Newton,	30,461	7	3	2	..	..	..	1
Taunton,	28,527	11	2	2	3	..	..	..
Everett,	28,102	6	2	..	3	..	..	..
Quincy,	24,578	8	2	1	2	..	..	..
Pittsfield,	23,421	7	2	1	1	..	..	..
Waltham,	22,791	7	2	..	1	..	..	..
North Adams,	21,583	6	1	3	1	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	9	4	1	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	6	0	2	3	..	..	..
Marlborough,	15,914	..	..	..	..	..	..	..
Newburyport,	15,036	3	1	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	..	..	..	..	..	..	..
Hyde Park,	13,132	5	2	1	2	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	3	2	..	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	3	1	1	..	1	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Cerebro Spinal Meningitis.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,809,261	605	163	141	110	12	9	27

DEATHS FROM PREVALENT DISEASES IN 31 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and forty-one deaths were reported from the principal infectious diseases: diphtheria and croup, 27; cerebro spinal meningitis, 12; typhoid fever, 9; scarlet fever, 9; diarrhœal diseases, 5; erysipelas, 4; measles, 4; whooping-cough, 3.

There were 110 deaths from acute lung diseases, consumption, 68, and stillbirths, 37.

From scarlet fever: Boston, 6; Cambridge, 2; Worcester, 1. From diarrhœal diseases: Fall River, 4; New Bedford, 1. From erysipelas, Boston, 3; Lowell, 1. From measles: Boston, 3; Springfield, 1. From whooping-cough: Boston, Fall River and Chelsea, 1 each.

Deaths under five years of age numbered 163, as compared with 150 for the preceding week.

Deaths from the principal infectious diseases numbered 141, as compared with 108 for the preceding week.

The death rates for the week were: Boston, 21.40; Worcester, 17.20; Fall River, 18.00; Cambridge, ——; Lowell, 20.52; New Bedford, 10.36; Lynn, 9.88; Somerville, 13.77; Lawrence, 18.48; Springfield, 17.80; Holyoke, 9.34; Brockton, 8.04; Salem, 19.18; Malden, 24.48; Chelsea, 18.24; Haverhill, 13.77; Gloucester, 11.55; Fitchburg, 17.03; Newton, 11.90; Taunton, 20.02; Everett, 11.10; Quincy, 16.88; Pittsfield, 15.54; Waltham, 15.96; North Adams, 14.46; Chicopee, 25.56; Northampton, ——; Medford, 18.12; Marlborough, ——; Newburyport, 10.35; Woburn, ——; Melrose, ——.

The total death rate for the week was 17.83 as compared with 19.17 and 19.39 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JAN. 20, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	195	Measles,	268
Diphtheria and croup,	214	Typhoid fever,	37
Small-pox,	2		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Jan. 20, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 14,	30.04	29	34	24	68	93	80	W.		10	4		C.	N.		0.04
Monday, 15,	30.30	34	38	30	84	82	83	N.	S.	8	8		O.	O.		0.04
Tuesday, 16,	30.12	41	48	34	88	72	80	S.	N.W.	12	14		O.	C.		0.12
Wednes'y, 17,	30.59	30	35	24	57	62	60	N.	E.	15	11		C.	O.		O
Thursday, 18,	30.45	27	34	20	73	74	74	N. W.	S. E.	4	2		N.	O.		T
Friday, 19,	30.05	46	60	33	87	85	86	S. W.	S. W.	6	10		G.	C.		T
Saturday, 20,	29.48	48	56	39	98	88	93	E.	S. W.	4	16		G.	O.		0.43
Week, - -	30.15		43	29			79									0.63

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Jan. 27, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 4.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from each other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Jan. 27, 1900.

Deaths reported to the State Board of Health in 32 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	208	61	59	37	4	3	12
Worcester,	111,732	38	17	10	2	1	2	2
Fall River,	103,142	29	14	4	6	..	..	..
Cambridge,	92,520	24	7	8	2	..	1	5
Lowell,	90,114	36	10	9	9	..	..	2
New Bedford,	70,511	13	3	2	2	1	..	..
Lynn,	68,218	15	4	2	2	..	..	..
Somerville,	64,394	16	5	..	5	..	..	..
Lawrence,	59,072	22	11	4	3	..	..	..
Springfield,	58,266	16	4	2	3	..	..	1
Holyoke,	44,510	13	3	3	..	1	..	1
Brockton,	38,759	13	7	2	3	..	..	2
Salem,	37,723	13	7	..	..	..	..	..
Malden,	36,421	11	6	..	4	..	..	..
Chelsea,	34,235	15	2	1	..	..	..	..
Haverhill,	32,651	7	2	1	1	..	..	..
Gloucester,	31,426	2	0	1	..	..	..	..
Fitchburg,	30,523	7	1	2	..	2	..	..
Newton,	30,461	6	1	1	1	..	..	..
Taunton,	28,527	12	3	1	2	..	..	..
Everett,	28,102	7	0	3	..	..	..	..
Quincy,	24,578	7	2	..	3	..	..	..
Pittsfield,	23,421	8	1	1	..	..	..	..
Waltham,	22,791	8	2	1	2	..	..	..
North Adams,	21,583	9	3	2	2	..	1	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	3	2	..	1	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	2	1	1	..	..	..	1
Marlborough,	15,914	..	..	..	..	..	..	..
Newburyport,	15,036	4	1	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	2	2	..	..	..	..	..
Hyde Park,	13,132	2	0	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	4	2	..	1	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	6	0	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,823,982	578	184	120	91	9	7	26

DEATHS FROM PREVALENT DISEASES IN 32 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and twenty deaths were reported from the principal infectious diseases: diphtheria and croup, 26; scarlet fever, 9; typhoid fever, 7; whooping-cough, 3; cerebro spinal meningitis, 3; puerperal fever, 3; diarrhœal diseases, 2; erysipelas, 2; measles, 1. No deaths were reported from small-pox and malarial fever.

There were 92 deaths from acute lung diseases, consumption, 64, and stillbirths, 47.

From whooping-cough: Boston, Lawrence and North Adams, 1 each. From cerebro spinal meninigitis: Boston, Lawrence and Lynn, 1 each. From puerperal fever: Boston, 2; Lowell, 1. From diarrhœal diseases: Fall River, 2. From erysipelas, Boston, 2. From measles: Boston, 1.

Deaths under five years of age numbered 184, as compared with 163 for the preceding week.

Deaths from the principal infectious diseases numbered 120, as compared with 141 for the preceding week.

The death rates for the week were: Boston, 20.03; Worcester, 17.67; Fall River, 14.50; Cambridge, 13.44; Lowell, 20.52; New Bedford, 9.58; Lynn, 11.40; Somerville, 14.42; Lawrence, 19.36; Springfield, 14.42; Holyoke, 15.18; Brockton, 17.42; Salem, 17.81; Malden, 15.73; Chelsea, 22.80; Haverhill, 3.06; Gloucester, 3.30; Fitchburg, 11.92; Newton, 10.20; Taunton, 21.84; Everett, 12.95; Quincy, 14.77; Pittsfield, 17.76; Waltham, 18.24; North Adams, 21.69; Chicopee, 8.49; Northampton, ——; Medford, 6.04; Marlborough, ——; Newburyport, 13.80; Woburn, ——; Melrose, 7.06.

The total death rate for the week was 16.48 as compared with 17.83 and 19.17 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JAN. 27, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	184	Measles,	211
Diphtheria and croup,	235	Typhoid fever,	31
Small-pox,	2		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Jan. 27, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 21,	29.80	37	52	22	79	55	67	N.W.	N.W.	30	15		O.	C.			0.08
Monday, 22,	30.14	38	53	22	69	44	56	S.W.	S.W.	16	11		C.	C.			0.00
Tuesday, 23,	29.87	46	56	35	65	53	59	S.W.	W.	16	15		C.	C.			0.00
Wednes'y, 24,	30.34	24	35	14	47	64	56	N.	E.	11	12		F.	O.			T
Thursday, 25,	29.74	30	37	24	81	96	88	N.W.	N.W.	9	6		O.	R.			0.37
Friday, 26,	29.33	24	38	11	69	56	62	W.	W.	22	36		O.	N.			0.05
Saturday, 27,	30.02	20	28	11	45	47	46	W.	W.	27	16		C.	C.			T
Week, - -	29.90		43	20			62										0.50

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Feb. 3, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 5.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Feb. 3, 1900.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Cerebro Spinal Meningitis.	Diphtheria and Croup.
Boston,	539,416	223	66	54	25	8	1	10
Worcester,	111,732	35	13	9	5	1	2	..
Fall River,	103,142	31	11	7	7	..	..	..
Cambridge,	92,520	29	8	2	2	..	..	..
Lowell,	90,114	28	8	4	5	..	..	..
New Bedford,	70,511	19	6	..	2	..	..	..
Lynn,	68,218	20	..	1	4	..	1	..
Somerville,	64,394	15	3	4	2	..	..	2
Lawrence,	59,072	24	13	5	4	..	..	1
Springfield,	58,266	26	2	4	5	1	1	..
Holyoke,	44,510	11	4	2	1	..	..	..
Brockton,	38,759	10	2	1	1	..	..	..
Salem,	37,723	12	1	..	3	..	..	..
Malden,	36,421	8	1	1	1	..	..	..
Chelsea,	34,235	12	4	1	..	..	..	..
Haverhill,	32,651	8	2	2	4	..	..	..
Gloucester,	31,426	8	4	2	..	1	..	1
Fitchburg,	30,523	5	1	1	..	..	..	..
Newton,	30,461	16	4	3	2	..	1	2
Taunton,	28,527	19	5	2	4	..	..	..
Everett,	28,102	6	0	2	..	..	..	1
Quincy,	24,578	0	0	..	..	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	11	4	4	1	..	..	..
North Adams,	21,583	10	4	1	2	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	3	0	2	..	..	..	1
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	7	1	2	..	..	..	2
Marlborough,	15,914	..	..	..	..	..	..	..
Newburyport,	15,036	3	2	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	6	3	..	2	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	2	0	..	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	1	0	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Cerebro Spinal Meningitis.	Diphtheria and Croup.
Total of reporting towns,	1,797,429	608	172	116	82	11	6	20

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and sixteen deaths were reported from the principal infectious diseases: diphtheria and croup, 20; scarlet fever, 11; cerebro spinal meningitis, 6; diarrhœal diseases, 5; whooping-cough, 4; typhoid fever, 3; erysipelas, 2; measles, 2.

There were 82 deaths from acute lung diseases, consumption, 63, and stillbirths, 40.

From diarrhœal diseases: Fall River, 2; Lawrence, Springfield and Taunton, 1 each. From whooping-cough: Boston, 3; Lowell, 1. From typhoid fever: Boston, 2; Brockton, 1. From erysipelas: Boston and Worcester, 1 each. From measles: Boston, 2.

Deaths under five years of age numbered 172, as compared with 184 for the preceding week.

Deaths from the principal infectious diseases numbered 116, as compared with 120 for the preceding week.

The death rates for the week were: Boston, 21.47; Worcester, 16.37; Fall River, 15.50; Cambridge, 16.29; Lowell, 15.96; New Bedford, 14.00; Lynn, 15.24; Somerville, 12.10; Lawrence, 21.12; Springfield, 23.24; Holyoke, 12.84; Brockton, 13.41; Salem, 16.53; Malden, 11.44; Chelsea, 18.24; Haverhill, 12.24; Gloucester, 13.20; Fitchburg, 8.51; Newton, 27.20; Taunton, 34.20; Everett, 11.10; Quincy, ——; Pittsfield, ——; Waltham, 25.08; North Adams, 24.10; Chicopee, 8.49; Northampton, ——; Medford, 21.14; Marlborough, ——; Woburn, ——; Melrose, 21.18.

The total death rate for the week was 17.59 as compared with 16.48 and 17.83 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING FEB. 3, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	219	Measles,	255
Diphtheria and croup,	221	Typhoid fever,	17
Small-pox,	2		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL	
Week ending Saturday, Feb. 3, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Jan.																		
Sunday, 28,	30.23	30	41	19	64	91		78	S.	E.	6	12		C.	N.			0.01
Monday, 29,	29.47	32	48	15	100	50		75	N.W.	W.	22	24		R.	C.			0.73
Tuesday, 30,	29.88	23	33	13	74	67		70	W.	S.	8	8		O.	C.			0.00
Wednes'y, 31,	29.51	24	35	13	90	66		78	N.	W.	4	20		O.	O.			T
Feb.																		
Thursday, 1,	29.75	13	19	7	73	48		60	S. W.	W.	18	15		C.	C.			0.00
Friday, 2,	30.04	13	19	7	62	40		51	W.	W.	12	6		C.	C.			0.00
Satnrday, 3,	30.20	20	28	12	63	45		54	W.	W.	10	10		C.	C.			0.00
Week, - -	29.87		35	12				67										0.74

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Feb. 10, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 6.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Feb. 10, 1900.

Deaths reported to the State Board of Health in 31 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Erysipelas.	Diphtheria and Croup.
Boston,	539,416	215	71	63	33	8	2	14
Worcester,	111,732	50	19	7	6	..	..	2
Fall River,	103,142	34	16	3	10	..	..	..
Cambridge,	92,520	18	9	1	4	..	..	..
Lowell,	90,114	28	12	..	7	..	..	..
New Bedford,	70,511	22	9	3	6	..	..	..
Lynn,	68,218	19	2	6	2	..	..	1
Somerville,	64,394	11	1	2	..	..	1	..
Lawrence,	59,072	25	8	3	1	..	1	1
Springfield,	58,266	14	4	4	3	1	..	1
Holyoke,	44,510	15	8	4	2	..	..	1
Brockton,	38,759	13	1	2	4	..	..	1
Salem,	37,723	9	5	..	3	..	..	..
Malden,	36,421	10	2	1	2	..	..	..
Chelsea,	34,235	17	1	5	..	..	..	..
Haverhill,	32,651	6	1	2	1	..	..	..
Gloucester,	31,426	10	2	2	..	..	..	..
Fitchburg,	30,523	10	5	..	5	..	..	..
Newton,	30,461	10	1	3	..	..	..	..
Taunton,	28,527	13	4	1	2	..	1	..
Everett,	28,102	6	0	1	1	..	..	..
Quincy,	24,578	5	1	1	..	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	4	0	1	1	..	..	..
North Adams,	21,583	3	1	1	..	..	..	..
Brookline,	19,412	5	0	..	..	..	..	..
Chicopee,	18,316	6	4	1	3	..	..	1
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	16	5	7	3	..	5	1
Marlborough,	15,914	..	..	..	..	..	..	..
Newburyport,	15,036	3	1	1	..	..	..	1
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	6	3	1	..	..	..	1
Hyde Park,	13,132	3	1	..	2	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	7	3	..	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Erysipelas.	Diphtheria and Croup.
Total of reporting towns,	1,809,837	613	200	126	101	9	10	25

DEATHS FROM PREVALENT DISEASES IN 31 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and twenty-six deaths were reported from the principal infectious diseases: diphtheria and croup, 25; erysipelas, 10; scarlet fever, 9; diarrhœal diseases, 8; cerebro-spinal meningitis, 5; typhoid fever, 5; whooping-cough, 4; measles, 2; puerperal fever, 1.

No deaths were reported from small-pox and malarial fever.

There were 101 deaths from acute lung diseases, consumption, 57, and stillbirths, 39.

From diarrhœal diseases: Boston and Worcester, 3 each; Quincy and North Adams, 1 each. From typhoid fever: Boston, 3; Chelsea, 2. From cerebro-spinal meningitis: Boston, Worcester, Gloucester, Newton and Medford, 1 each. From whooping-cough: Boston and Lynn, 2 each. From measles: Boston and Springfield, 1 each. From puerperal fever: Gloucester, 1.

Deaths under five years of age numbered 200, as compared with 172 for the preceding week.

Deaths from the principal infectious diseases numbered 126, as compared with 116 for the preceding week.

The death rates for the week were: Boston, 20.72; Worcester, 23.25; Fall River, 17.00; Cambridge, 10.08; Lowell, 15.96; New Bedford, 16.91; Lynn, 14.44; Somerville, 8.91; Lawrence, 22.00; Springfield, 12.46; Holyoke, ——; Brockton, 17.42; Salem, 12.33; Malden, 14.30; Chelsea, 25.84; Haverhill, 9.18; Gloucester, 16.50; Fitchburg, 17.03; Newton, 17.00; Taunton, 23.40; Everett, 10.80; Quincy, 10.50; Pittsfield, ——; Waltham, 9.12; North Adams, 7.23; Chicopee, 16.98; Northampton, ——; Medford, ——; Marlborough, ——; Newburyport, 10.35; Woburn, ——; Melrose, ——.

The total death rate for the week was 17.61 as compared with 17.59 and 16.48 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING FEB. 10, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever, ...	165	Measles, ...	209
Diphtheria and croup, ...	250	Typhoid fever, ...	22

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*		RAIN-FALL	
Week ending Saturday, Feb. 10, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 4,	29.99	34	48	20	64	81		72	S.	S.	8	9		O.	R.		T
Monday, 5,	29.46	37	47	27	96	56		76	N.W.	N.W.	20	24		R.	C.		0.75
Tuesday, 6,	30.06	31	39	23	48	66		57	S.W.	W.	7	12		O.	C.		T
Wednes'y, 7,	30.36	31	37	25	68	73		70	N.	S.	6	5		C.	C.		0.00
Thursday, 8,	30.22	36	39	33	86	98		92	S.E.	E.	2	11		O.	R.		0.29
Friday, 9,	30.14	38	43	34	96	85		90	S.E.	N.W.	20	14		R.	O.		0.38
Saturday, 10,	30.38	32	36	29	61	52		56	N.	N.E.	11	6		O.	O.		0.00
Week, - -	30.09		41	27													1.42

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of January.

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	278	194	472	Maple Syrup, . .	5	4	9
Butter, . . .	19	1	20	Canned Goods, .	0	1	0
Cheese, . . .	4	0	4	Honey, . . .	15	8	23
Lard, . . .	2	0	2	Tea, . . .	4	0	4
Olive Oil, . . .	..	..	..	Coffee, . . .	10	0	10
Vinegar, . . .	1	0	1	Cocoa, . . .	0	1	1
Spices, . . .	100	19	119	Confectionery .	2	1	3
Cream of Tartar, .	32	1	33	Other articles of Food and Drinks,	5	3	8
Molasses, . . .	4	0	4	Drugs, . . .	42	33	75
Syrups, . . .	0	1	1				
Maple Sugar, . .	2	0	2				
				Totals, . .	525	267	792

Percentage of adulteration, 33.7. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the atteution of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is therefore mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be below the standard was 41.1 per cent., while the percentage of other articles of food was 16.3.

Fourteen complaints were entered in the courts during the mouth for violation of the laws relative to the inspection of Food and Drugs. Six of these were for violation of the statutes relative to the sale of soaked peas, three of honey, three of milk, and two of maple syrup. Fines were imposed amounting to $150.

The samples of drugs found to be adulterated were Extract of Licorice, Glyceriue, Olive Oil, Precipitated Sulphur, Red Wine, Tincture of Iodine, and Whiskey.

Cities and towns from which samples of food were collected were Boston, Worcester, Cambridge, Lowell, Somerville, Lawrence, Springfield, Brockton, Malden, Chelsea, Fitchburg, Newton, Taunton, Everett, Quincy, Waltham, Medford, Newburyport, Woburn, Arliugton, Brookline, Revere, Watertown, Wayland, Weston and Winthrop.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Feb. 17, 1900.

An official publication of the State Board of Health of Maseachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 7.

Entered at the post-office at Boston as second-class matter.

This publication contains the returne of deathe made each week to the State Board of Health from cities and towne in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towne as report to the Board.

It also contains the reports of cases of infectioue diseases returned hy the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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HIRAM F. MILLS, C.E., Lawrence.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Feb. 17, 1900.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	226	64	57	46	12	2	12
Worcester,	111,732	40	15	5	11	..	..	1
Fall River,	103,142	28	16	2	4	..	..	..
Cambridge,	92,520	24	12	3	9	..	..	3
Lowell,	90,114	32	8	4	4	..	..	1
New Bedford,	70,511	25	11	..	7	..	..	..
Lynn,	68,218	22	7	6	3	..	1	1
Somerville,	64,394	25	8	2	5	..	1	..
Lawrence,	59,072	17	11	4	5	..	..	..
Springfield,	58,266	21	4	5	1	..	..	1
Holyoke,	44,510	9	5	1	..	..	1	..
Brockton,	38,759	..	..	..	..	..	..	..
Salem,	37,723	18	4	2	1	..	..	..
Malden,	36,421	6	2	1	..	1	..	..
Chelsea,	34,235	14	2	3	..	..	..	1
Haverhill,	32,651	8	1	1	1	..	..	..
Gloucester,	31,426	11	3	4	..	..	..	1
Fitchburg,	30,523	6	3	..	..	..	..	..
Newton,	30,461	11	2	1	1	..	..	..
Taunton,	28,527	9	1	2	1	..	..	..
Everett,	28,102	5	3	2	..	..	1	1
Quincy,	24,578	7	3	..	3	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	6	1	..	2	..	..	..
North Adams,	21,583	8	2	1	..	..	..	1
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	5	2	1	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	6	0	..	..	..	..	..
Marlborough,	15,914	..	..	..	..	..	..	..
Newburyport,	15,036	6	1	1	2	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	1	0	..	..	..	..	..
Hyde Park,	13,132	2	1	1	..	..	..	1
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	5	3	1	2	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,345	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	1	0	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,836,067	604	195	110	108	13	6	24

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and ten deaths were reported from the principal infectious diseases: diphtheria and croup, 24; scarlet fever, 13; typhoid fever, 6; cerebro-spinal meningitis, 3; whooping-cough, 2; erysipelas, measles and puerperal fevers, each 1.

No deaths were reported from small-pox and malarial fever.

There were 108 deaths from acute lung diseases, consumption, 57, and stillbirths, 44.

From cerebro-spinal meningitis: Worcester, 2; Boston, 1. From diarrhœal diseases: Boston and Salem, 1 each. From whooping-cough: Boston and Lawrence, 1 each. From erysipelas: Boston, 1. From measles: Springfield, 1. From puerperal fever: Gloucester, 1.

Deaths under five years of age numbered 195, as compared with 126 for the preceding week.

Deaths from the principal infectious diseases numbered 110, as compared with 101 for the preceding week.

The death rates for the week were: Boston, 21.78; Worcester, 18.60; Fall River, 14.00; Cambridge, 13.48; Lowell, 18.24; New Bedford, 18.42; Lynn, 16.76; Somerville, 20.17; Lawrence, 14.96; Springfield, 18.69; Holyoke, 10.51; Brockton, ——; Salem, 24.66; Malden, 8.56; Chelsea, 8.56; Haverhill, 21.28; Gloucester, 18.15; Fitchburg, 10.21; Newton, 18.70; Taunton, 16.20; Everett, 9.25; Quincy, 14.77; Pittsfield, ——; Waltham, 13.68; North Adams, 19.28; Chicopee, 14.15; Northampton, ——; Medford, 18.12; Marlborough, ——; Newburyport, 20.70; Woburn, ——; Melrose, 3.53.

The total death rate for the week was 17.10 as compared with 17.61 and 17.59 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING FEB. 17, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	212	Measles,	266
Diphtheria and croup,	250	Typhoid fever,	13
Small-pox,	1		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL	
Week ending Saturday, Feb. 17, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 11,	30.29	33	37	29	89	90		90	N.	N.	12	7		N.	O.			T
Monday, 12,	30.38	37	40	34	100	96		98	N.E.	E.	4	13		R.	R.			0.03
Tuesday, 13,	29.71	48	60	35	96	72		84	S.E.	W.	21	18		R	O.			1.50
Wednes'y, 14,	30.07	34	40	29	62	39		50	W.	W.	24	17		C.	C.			0.00
Thursday, 15,	29.91	38	47	29	54	56		55	S. W.	S. W.	8	16		O.	C.			0.00
Friday, 16,	30.05	25	29	21	58	37		48	N. W.	N.W.	12	8		O.	F.			0.00
Saturday, 17,	29.95	25	29	21	55	96		76	N.	N.E.	10	20		O.	N.			0.08
Week, - -	30.05		40	28				71										1.61

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Feb. 24, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 8.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

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MORTALITY OF MASSACHUSETTS

For the Week ending Feb. 24, 1900.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Whooping-Cough.	Diphtheria and Croup.
Boston,	539,416	227	68	44	48	5	4	9
Worcester,	111,732	39	11	8	5	..	..	1
Fall River,	103,142	51	26	7	10	..	..	1
Cambridge,	92,520	40	8	11	8	..	..	2
Lowell,	90,114	34	11	5	8	..	..	1
New Bedford,	70,511	28	7	4	2	..	..	..
Lynn,	68,218	20	5	..	5	..	..	..
Somerville,	64,394	18	3	7	3	1	..	..
Lawrence,	59,072	35	20	9	5	1	1	3
Springfield,	58,266	27	9	5	5	..	..	1
Holyoke,	44,510	11	7	3	4	..	..	1
Brockton,	38,759	8	0	2	1	..	..	1
Salem,	37,723	18	1	1	2	..	..	1
Malden,	36,421	4	1	1	1	..	..	..
Chelsea,	34,235	16	6	3	..	..	..	2
Haverhill,	32,651	13	3	1	2	..	..	1
Gloucester,	31,426	2	0	2	..	1	..	..
Fitchburg,	30,523	9	1	..	3	..	..	..
Newton,	30,461	4	2	..	1	..	..	..
Taunton,	28,527	12	0	2	2	..	..	..
Everett,	28,102	5	2	..	3	..	..	..
Quincy,	24,578	4	2	..	1	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	3	1	..	..	..	..	..
North Adams,	21,583	4	1	1	1	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	7	3	1	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	5	0	1	1	..	..	..
Marlborough,	15,914	..	..	..	..	..	..	..
Newburyport,	15,036	5	0	1	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	4	0	1	1	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	5	3	1	1	..	..	1
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	0	0	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Whooping-Cough.	Diphtheria and Croup.
Total of reporting towns,	1,787,429	658	201	121	123	8	5	25

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and twenty-one deaths were reported from the principal infectious diseases: diphtheria and croup, 25; scarlet fever, 8; whooping-cough, 5; erysipelas, 4; diarrhœal diseases, 3; typhoid fever, 3; cerebro-spinal meningitis, 3; measles, 2.

There were 123 deaths from acute lung diseases, consumption, 68, and stillbirths, 30.

From diarrhœal diseases: Fall River, 3. From typhoid fever: Boston, Lowell and Melrose, 1 each. From cerebro-spinal meningitis: Boston, 2; Somerville, 1. From erysipelas: Boston, Cambridge, New Bedford and Somerville, 1 each. From measles: Boston and Springfield, 1.

Deaths under five years of age numbered 201, as compared with 195 for the preceding week.

Deaths from the principal infectious diseases numbered 121, as compared with 110 for the preceding week.

The death rates for the week were: Boston, 21.86; Worcester, 18.13; Fall River, 15.50; Cambridge, 22.48; Lowell, 19.38; New Bedford, 20.72; Lynn, 15.24; Somerville, 14.58; Lawrence, 30.80; Springfield, 24.03; Holyoke, 12.84; Brockton, 10.72; Salem, 24.66; Malden, 5.72; Chelsea, 24.32; Haverhill, 19.89; Gloucester, 3.30; Fitchburg, 15.32; Newton, 6.80; Taunton, 21.60; Everett, 9.25; Quincy, 8.44; Pittsfield,——; Waltham, 6.84; North Adams, 9.64; Chicopee, 19.81; Northampton, ——; Medford, 15.10; Marlborough, ——; Newburyport, 17.25; Woburn, ——; Melrose, 14.12.

The total death rate for the week was 19.14 as compared with 17.10 and 17.61 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING FEB. 24, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	163	Measles,	234
Diphtheria and croup,	198	Typhoid fever,	24

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL	
Week ending Saturday, Feb. 24, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 18,	29.46	20	24	16	93	53	73	N.W.	N.W.	24	15		N.	C.			0.39
Monday, 19,	29.76	21	30	12	64	54	59	W.	N.W.	16	15		C.	C.			0.00
Tuesday, 20,	30.23	28	39	18	69	51	60	W.	N.W.	11	6		C.	C.			0.00
Wednes'y, 21,	30.33	35	45	25	77	50	68	W.	S.	3	5		C.	O.			0.00
Thursday, 22,	29.57	40	44	35	94	98	96	E.	N.E.	30	7		R.	R.			1.47
Friday, 23,	29.35	36	42	31	100	72	86	N.E.	W.	7	15		O.	O.			0.33
Saturday, 24,	29.62	43	52	34	72	78	76	S.W.	S.E.	7	9		C.	O.			0.00
Week, - -	29.76		39	24			74										2.19

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, March 3, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 9.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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CHARLES H. PORTER, Quincy.
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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Mar. 3, 1900.

Deaths reported to the State Board of Health in 33 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infections Diseases.	Acute Lung Diseases.	Typhoid Fever.	Whooping-Cough.	Diphtheria and Croup.
Boston,	539,416	273	75	47	60	3	2	10
Worcester,	111,732	32	12	2	5	..	..	..
Fall River,	103,142	43	21	4	9	..	1	..
Cambridge,	92,520	35	10	9	5	..	2	..
Lowell,	90,114	34	12	7	6	1	..	2
New Bedford,	70,511	21	9	2	4	..	..	..
Lynn,	68,218	20	7	2	1	..	..	1
Somerville,	64,394	23	4	3	4	..	..	1
Lawrence,	59,072	17	10	1	2	..	..	..
Springfield,	58,266	18	8	4	4	..	..	..
Holyoke,	44,510	24	5	6	3	..	..	1
Brockton,	38,759	11	0	4	..	..	..	3
Salem,	37,723	16	6	1	2	..	..	1
Malden,	36,421	12	2	3	..	..	..	..
Chelsea,	34,235	12	2	2	..	..	..	..
Haverhill,	32,651	10	0	1	1	..	..	1
Gloucester,	31,426	..	..	..	..	..	..	..
Fitchburg,	30,523	4	1	..	..	..	..	..
Newton,	30,461	13	2	2	4	..	..	..
Taunton,	28,527	5	1	..	1	..	..	..
Everett,	28,102	8	2	..	2	..	..	..
Quincy,	24,578	6	1	..	4	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	..	..	..	..	..	..	..
North Adams,	21,583	9	0	..	2	..	..	..
Brookline,	19,412	8	1	..	2	..	..	..
Chicopee,	18,316	7	5	..	3	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	4	1	1	2	..	..	1
Marlborough,	15,914	2	0	..	..	..	..	..
Newburyport,	15,036	5	0	..	..	..	..	..
Woburn,	14,721	4	1	..	..	..	..	..
Melrose,	14,721	3	1	1	..	..	..	..
Hyde Park,	13,132	3	1	1	1	..	..	..
Beverly,	12,594	2	0	1	..	..	..	..
Clinton,	12,355	9	4	2	3	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	1	0	1	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Typhoid Fever.	Whooping-Congh.	Diphtheria and Croup.
Total of reporting towns,	1,808,985	694	204	107	130	4	5	21

DEATHS FROM PREVALENT DISEASES IN 33 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and seven deaths were reported from the principal infectious diseases: diphtheria and croup, 21; whooping-cough, 5; typhoid fever, erysipelas and measles, 4 each; cerebro-spinal meningitis, 3; scarlet fever, 2; puerperal fever, 1.

There were 130 deaths from acute lung diseases, consumption, 63, and stillbirths, 43.

From erysipelas: Boston, 3; Brockton, 1. From measles: Boston and Springfield, 2 each. From cerebro-spinal meningitis: Worcester, Haverhill and Newton, 1 each. From scarlet fever: Boston and Melrose, 1 each. From puerperal fever, Clinton, 1.

Deaths under five years of age numbered 204, as compared with 201 for the preceding week.

Deaths from the principal infectious diseases numbered 107, as compared with 121 for the preceding week.

The death rates for the week were: Boston, 26.31; Worcester, 14.88; Fall River, 21.50; Cambridge, ——; Lowell, 19.38; New Bedford, 15.55; Lynn, 15.24; Somerville, 18.63; Lawrence, 14.96; Springfield, ——; Holyoke, 27.84; Brockton, 14.74; Salem, 21.92; Malden, 17.16; Chelsea, 18.24; Haverhill, 15.31; Gloucester, ——; Fitchburg, 6.81; Newton, 22.10; Taunton, 9.50; Everett, 14.80; Quincy, 12.66; Pittsfield, ——; Waltham, ——; North Adams, 21.69; Chicopee, 18.91; Northampton, ——; Medford, 12.08; Marlborough, ——; Newburyport, ——; Woburn, ——; Melrose, 10.59.

The total death rate for the week was 19.94 as compared with 19.14 and 17.10 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAR. 3, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	211	Measles,	332
Diphtheria and croup,	194	Typhoid fever,	33

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*		RAIN-FALL	
Week ending Saturday, Mar. 3, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 25,	29.07	34	56	12	86	46		66	W.	W.	15	24		R.	F.		1.61
Monday, 26,	29.86	13	21	5	45	39		42	W.	W.	30	23		C.	C.		0.00
Tuesday, 27,	30.59	6	16	4	62	27		44	N.W.	N.W.	18	14		C.	C.		0.00
Wednes'y, 28,	30.62	19	30	8	54	65		60	E.	S.E.	4	7		C.	O.		0.00
Thursday, 1,	29.75	42	54	30	96	100		98	E.	S.E.	4	16		R.	R.		1.56
Friday, 2,	29.42	40	51	28	80	49		64	S.W.	W.	22	20		O.	C.		0.02
Saturday, 3,	29.94	30	33	26	51	56		54	W.	N.W.	15	16		C.	C.		0.00
Week, - -	29.89		37	14				61									3.19

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, March 10, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 10.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Mar. 10, 1900.

Deaths reported to the State Board of Health in 33 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from Principal Infectious Diseases.	Deaths from Acute Lung Diseases.	Deaths from Scarlet Fever.	Deaths from Cerebro-spinal meningitis.	Deaths from Diphtheria and Croup.
Boston,	539,416	280	72	49	78	6	5	9
Worcester,	111,732	25	6	2	2	..	1	1
Fall River,	103,142	38	21	6	10	..	..	..
Cambridge,	92,520	37	7	10	10	..	..	3
Lowell,	90,114	42	17	6	11	..	..	..
New Bedford,	70,511	18	8	6	5	2	1	..
Lynn,	68,218	24	5	2	5	..	1	..
Somerville,	64,394	29	5	6	9	..	..	3
Lawrence,	59,072	18	7	2	4	..	..	1
Springfield,	58,266	24	5	5	1	..	1	1
Holyoke,	44,510	14	4	..	..	..	..	..
Brockton,	38,759	14	3	4	..	..	..	..
Salem,	37,723	23	4	1	10	..	..	..
Malden,	36,421	9	1	..	3	..	..	..
Chelsea,	34,235	9	2	1	1	..	..	1
Haverhill,	32,651	14	4	2	2	..	1	..
Gloucester,	31,426	4	0	..	..	..	..	..
Fitchburg,	30,523	6	2	1	2	..	..	..
Newton,	30,461	9	1	1	4	..	..	..
Taunton,	28,527	9	3	2	4	..	..	..
Everett,	28,102	13	2	2	2	..	1	..
Quincy,	24,578	10	0	..	..	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	12	3	2	1	..	..	1
North Adams,	21,583	8	2	2	2	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	7	2	..	1	..	..	..
Northampton,	18,150	8	0	1	1	..	..	..
Medford,	17,190	..	..	..	..	..	..	..
Marlborough,	15,914	4	0	..	2	..	..	..
Newburyport,	15,036	9	3	..	1	..	..	..
Woburn,	14,721	9	3	2	1	..	..	..
Melrose,	14,721	5	1	1	1	..	..	..
Hyde Park,	13,132	5	2	..	4	..	..	..
Beverly,	12,594	2	0	1	1	..	..	..
Clinton,	12,355	10	5	1	2	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Cerebro-spinal meningitis.	Diphtheria and Croup.
Total of reporting towns,	1,854,026	748	200	118	180	8	11	20

DEATHS FROM PREVALENT DISEASES IN 33 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and eighteen deaths were reported from the principal infectious diseases: diphtheria and croup, 20; cerebro-spinal meningitis, 11; scarlet fever, 8; diarrhœal diseases, 6; typhoid fever, 4; whooping-cough, 3; measles, 1.

No deaths were reported from small-pox, erysipelas and puerperal fever.

There were 180 deaths from acute lung diseases, consumption, 65, and stillbirths, 29.

From diarrhœal diseases: Fall River, 3; Boston, Cambridge and Springfield, 1 each. From typhoid fever: Boston, Somerville, Lawrence and Haverhill, 1 each. From whooping-cough: Boston 2; New Bedford, 1. From measles: Fitchburg, 1.

Deaths under five years of age numbered 200, as compared with 204 for the preceding week.

Deaths from the principal infectious diseases numbered 118, as compared with 107 for the preceding week.

The death rates for the week were: Boston, 26.88; Worcester, ——; Fall River, 19.00; Cambridge, ——; Lowell, 23.94; New Bedford, 13.32; Lynn, 18.24; Somerville, 23.49; Lawrence, 15.84; Springfield, 21.36; Holyoke, 16.24; Brockton, 18.76; Salem, 31.51; Malden, 12.78; Chelsea, 13.68; Haverhill, 21.42; Gloucester, 6.60; Fitchburg, 10.21; Newton, 15.30; Taunton, 16.20; Everett, 24.05; Quincy, 21.10; Pittsfield, ——; Waltham, 27.36; North Adams, 19.28; Chicopee, 19.81; Northampton, ——; Medford, ——; Marlborough, ——; Newburyport, ——; Woburn, ——; Melrose, 17.65.

The total death rate for the week was 20.97 as compared with 19.94 and 19.14 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAR. 10, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	181	Measles,	383
Diphtheria and croup,	191	Typhoid fever,	29

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL	
Week ending Saturday, Mar. 10, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 4,	30.21	36	46	25	62	46	54	S.W.	S.W.	14	8		O.	F.			0.00
Monday, 5,	30.44	29	39	19	74	67	70	N.	N.E.	12	6		O.	C.			0.03
Tuesday, 6,	30.20	28	37	19	93	100	96	S.E.	W.	10	8		N.	R.			0.28
Wednes'y, 7,	30.17	36	44	28	60	53	56	W.	W.	26	13		F.	C.			0.05
Thursday, 8,	30.54	32	40	23	63	60	62	N.W.	S.E.	14	10		C.	C.			0.00
Friday, 9,	30.19	39	51	27	58	84	71	S.W.	S.	6	13		C.	C.			0.00
Saturday, 10,	29.68	42	52	32	80	56	68	W.	W.	9	13		C.	C.			0.00
Week, - -	30.20		44	25			69										0.36

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the mouth of February.

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	278	199	477	Maple Syrup, . .	11	1	12
Butter, . . .	36	1	37	Canned Goods, .	0	2	2
Cheese, . . .	7	0	7	Honey, . . .	8	7	15
Lard, . . .	3	0	3	Tea, . . .	4	2	6
Olive Oil, . . .	2	6	8	Coffee, . . .	11	0	11
Vinegar, . . .	1	0	1	Cocoa, . . .	2	2	4
Spices, . . .	113	7	120	Confectionery, .	6	0	6
Cream of Tartar, .	32	1	33	Condensed Milk, .	9	6	15
Molasses, . . .	1	0	1	Drugs. . . .	46	36	82
Syrups, . . .	0	1	1				
Maple Sugar, . .	..	..	..				
				Totals, . .	570	271	841

Percentage of adulteration, 32.2. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is therefore mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be below the standard was 32.2 per cent., while the percentage of other articles of food was 12.8.

Two complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. One of these was for violation of the statutes relative to the sale of milk and one of quince jam.

The samples of drugs found to be adulterated were Chloride of Lime, Chloroform, Distilled Water, Glycerine, Olive Oil, Precipitated Sulphur, Tincture of Iodine and Whiskey.

Cities and towns from which samples of food were collected were Boston, Fall River, Cambridge, Lowell, Somerville, Lawrence, Springfield, Salem, Brockton, Chelsea, Newton, Taunton, Everett, Quincy, Waltham, Northampton, Medford, Marlborough, Woburn, Beverly, Brookline, Clinton and Hyde Park.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, March 17, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 11.

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MORTALITY OF MASSACHUSETTS

For the Week ending Mar. 17, 1900.

Deaths reported to the State Board of Health in 33 Cities and Greater Towns.

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We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Cerebro-spinal meningitis.	Diphtheria and Croup.
Boston,	539,416	341	96	68	115	7	1	12
Worcester,	111,732	43	12	7	9	..	2	3
Fall River,	103,142	59	26	7	18	..	..	..
Cambridge,	92,520	28	9	1	9	..	..	..
Lowell,	90,114	33	13	8	6	..	..	2
New Bedford,	70,511	26	8	6	7	1	1	..
Lynn,	68,218	28	8	3	5	..	..	1
Somerville,	64,394	28	6	3	8	..	1	..
Lawrence,	59,072	23	9	3	4	..	..	2
Springfield,	58,266	18	3	6	1	..	..	..
Holyoke,	44,510	9	5	..	2	..	..	..
Brockton,	38,759	18	4	1	1	..	..	..
Salem,	37,723	16	4	1	2	..	..	1
Malden,	36,421	14	5	3	..	..	1	1
Chelsea,	34,235	20	7	2	..	..	..	..
Haverhill,	32,651	13	2	1	4	..	..	..
Gloucester,	31,426	..	..	..	..	..	..	..
Fitchburg,	30,523	8	3	..	3	..	..	1
Newton,	30,461	13	3	3	1	..	1	..
Taunton,	28,527	18	2	4	1	..	..	..
Everett,	28,102	13	2	1	4	..	1	..
Quincy,	24,578	11	3	..	3	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	6	2	1	..	..	1	..
North Adams,	21,583	10	5	..	1	..	..	..
Brookline,	19,412	4	0	..	1	..	..	..
Chicopee,	18,316	10	8	..	2	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	6	2	..	1	..	..	..
Marlborough,	15,914	1	1	..	..	..	..	..
Newburyport,	15,036	10	1	..	2	..	..	..
Woburn,	14,721	3	1	..	1	..	..	..
Melrose,	14,721	3	0	..	..	..	..	..
Hyde Park,	13,132	8	2	..	2	..	..	..
Beverly,	12,594	4	0	..	..	..	..	..
Clinton,	12,355	6	2	3	1	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Cerebro-spinal meningitis.	Diphtheria and Croup.
Total of reporting towns,	1,821,640	851	254	132	214	8	9	23

DEATHS FROM PREVALENT DISEASES IN 33 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and thirty-two deaths were reported from the principal infectious diseases: diphtheria and croup, 23; cerebro-spinal meningitis, 9; diarrhœal diseases, 9; scarlet fever, 8; typhoid fever, 6; whooping-cough, 5; measles, 4; erysipelas, 2; puerperal fever, 1.

No deaths were reported from small-pox and malarial fever.

There were 214 deaths from acute lung diseases, consumption, 65, and stillbirths, 46.

From diarrhœal diseases: Boston, Fall River and Lowell, 2 each; New Bedford, Lawrence and Springfield, 1 each. From typhoid fever: Boston, 4; Fall River, 2. From whooping-cough: Boston, 3; Taunton and Clinton, 1 each. From measles: Boston, 4. From erysipelas: Boston and Malden, 2 each. From puerperal fever, Springfield, 1.

Deaths under five years of age numbered 254, as compared with 200 for the preceding week.

Deaths from the principal infectious diseases numbered 132, as compared with 118 for the preceding week.

The death rates for the week were: Boston, 32.87; Worcester, 19.78; Fall River, 19.50; Cambridge, 15.68; Lowell, 18.81; New Bedford, 18.88; Lynn, 21.28; Somerville, 22.68; Lawrence, 20.24; Springfield, 16.02; Holyoke, 10.44; Brockton, 24.12; Salem, 21.92; Malden, 20.02; Chelsea, 30.40; Haverhill, 19.89; Gloucester, ——; Fitchburg, 13.62; Newton, 22.10; Taunton, 32.40; Everett, 24.05; Quincy, 23.21; Pittsfield, ——; Waltham, 13.68; North Adams, 24.10; Chicopee, 28.30; Northampton, ——; Medford, 18.12; Marlborough, 3.26; Newburyport, 34.50; Woburn, 10.59; Melrose, 10.59.

The total death rate for the week was 24.29 as compared with 20.98 and 19.94 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAR. 17, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	168	Measles,	276
Diphtheria and croup,	190	Typhoid fever,	27

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Mar. 17, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 11,	29.88	22	32	11	46	30		38	N.W.	N.W.	22	22			C.	C.			0.00
Monday, 12,	30.07	17	27	7	43	26		34	N.W.	N.W.	18	16			C.	C.			0.00
Tuesday, 13,	30.06	21	31	11	61	67		64	N.	E.	8	9			C.	F.			0.00
Wednes'y, 14,	29.88	36	47	26	68	52		60	W.	W.	6	14			F.	C.			0.00
Thursday, 15,	30.06	26	32	19	57	93		75	N.W.	N. E.	12	14			F.	N.			0.06
Friday, 16,	29.47	41	58	24	96	55		76	S.	W.	34	21			R.	C.			2.15
Saturday, 17,	30.06	24	36	12	58	44		51	S.W.	N.W.	13	23			C.	C.			0.00
Week, - -	29.93		37	16				57											2.21

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, March 24, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 12.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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HIRAM F. MILLS, C.E., Lawrence.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Mar. 24, 1900.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infections Diseases.	Acute Lung Diseases.	Erysipelas.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	366	102	71	117	2	2	9
Worcester,	111,732	45	15	4	12	1	..	1
Fall River,	103,142	65	27	13	21	..	2	1
Cambridge,	92,520	60	20	13	13	1	..	2
Lowell,	90,114	53	11	9	9	..	..	1
New Bedford,	70,511	18	7	3	5	..	..	..
Lynn,	68,218	33	4	8	6	1	..	..
Somerville,	64,394	20	8	3	8	..	..	1
Lawrence,	59,072	30	12	7	7	..	..	1
Springfield,	58,266	29	2	6	9	..	1	1
Holyoke,	44,510	17	10	5	1	..	..	..
Brockton,	38,759	..	..	..	..	..	..	..
Salem,	37,723	25	4	3	5	..	..	..
Malden,	36,421	16	4	5	1	..	..	2
Chelsea,	34,235	15	5	..	..	..	..	..
Haverhill,	32,651	16	8	4	6	1	1	1
Gloucester,	31,426	..	..	..	..	..	..	..
Fitchburg,	30,523	10	3	1	1	..	..	..
Newton,	30,461	17	3	1	5	..	..	..
Taunton,	28,527	12	0	2	1	..	..	..
Everett,	28,102	10	1	..	3	..	..	..
Quincy,	24,578	10	4	1	4	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	8	2	3	4	1	..	1
North Adams,	21,583	10	0	1	6	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	9	5	..	1	..	..	..
Northampton,	18,150	3	1	1	..	..	..	..
Medford,	17,190	13	2	..	8	..	..	..
Marlborough,	15,914	4	0	..	..	..	..	..
Newburyport,	15,036	13	3	..	7	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	10	2	1	1	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	1	0	..	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infections Diseases.	Acute Lung Diseases.	Erysipelas.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,741,172	938	265	165	261	7	6	21

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and sixty-five deaths were reported from the principal infectious diseases: diphtheria and croup, 21; erysipelas, 7; typhoid fever, 6; whooping-cough, 6; diarrhœal diseases, 5; scarlet fever, 5; puerperal fever, 2; cerebro-spinal meningitis, 1.

No deaths were reported from small-pox, measles and malarial fevers.

There were 261 deaths from acute lung diseases, consumption, 112, and stillbirths, 58.

From whooping-cough: Boston, 2; Fall River, New Bedford, Haverhill and Quincy, 1 each. From diarrhœal diseases: Fall River, 4; Worcester, 1. From scarlet fever: Boston, 4; Holyoke, 1. From puerperal fever: New Bedford and Melrose, 1 each. From cerebro-spinal meningitis, Lynn, 1.

Deaths under five years of age numbered 265, as compared with 254 for the preceding week.

Deaths from the principal infectious diseases numbered 165, as compared with 132 for the preceding week.

The death rates for the week were: Boston, 35.28; Worcester, 20.70; Fall River, 32.50; Cambridge, ——; Lowell, 30.58; New Bedford, 13.26; Lynn, 25.08; Somerville, 16.14; Lawrence, 26.40; Springfield, 25.86; Holyoke, 19.85; Brockton, ——; Salem, 34.45; Malden, 22.88; Chelsea, 22.80; Haverhill, ——; Gloucester, ——; Fitchburg, 17.03; Newton, 28.90; Taunton, 21.60; Everett, 18.50; Quincy, 21.10; Pittsfield, ——; Waltham, 18.24; North Adams, 24.10; Chicopee, 25.47; Northampton, ——; Medford, 39.26; Marlborough, ——; Newburyport, 44.85; Woburn, ——; Melrose, 35.30.

The total death rate for the week was 28.01 as compared with 24.29 and 20.98 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAR. 24, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	148	Measles,	217
Diphtheria and croup,	182	Typhoid fever,	21
Small pox,	1		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Mar. 24, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 18,	30.22	20	31	10	61	48		54	W.	S.W.	16	11			C.	C.			0.00
Monday, 19,	29.90	44	59	29	74	81		78	S.W.	S.W.	16	26			F.	R.			T
Tuesday, 20,	29.71	45	55	35	87	44		66	S.W.	W.	8	13			O.	C.			0.20
Wednes'y, 21,	29.99	32	38	26	74	41		58	W.	W.	23	12			C.	C.			0.00
Thursday, 22,	30.09	36	47	25	77	54		66	S.W.	S.W.	8	14			C.	C.			0.00
Friday, 23,	29.90	44	55	34	72	40		56	S.W.	W.	14	19			O.	C.			T
Saturday, 24,	29.96	32	38	26	61	38		50	N.	W.	11	13			C.	C.			0.00
Week, - -	29.97		46	26				61											0.20

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, March 31, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 13.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Mar. 31, 1900.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, bnt the discrepancy is a slight one in most cases. The mortality report is pnblished weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of snch returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	316	67	66	107	3	3	8
Worcester,	111,732	37	12	4	8	2	..	..
Fall River,	103,142	72	34	6	33	1	1	..
Cambridge,	92,520	35	8	6	9	2	..	..
Lowell,	90,114	57	11	6	4	..	1	..
New Bedford,	70,511	22	6	7	7	2	1	1
Lynn,	68,218	32	..	4	3	..	..	..
Somerville,	64,394	29	3	3	10	..	..	1
Lawrence,	59,072	25	7	2	3	..	..	..
Springfield,	58,266	35	8	6	8	..	..	1
Holyoke,	44,510	22	8	5	5	..	..	1
Brockton,	38,759	13	1	1	7	..	..	..
Salem,	37,723	10	2	..	2	..	..	..
Malden,	36,421	23	2	4	4	..	1	1
Chelsea,	34,235	21	6	2	..	..	..	..
Haverhill,	32,651	17	1	4	2	..	1	..
Gloucester,	31,426	27	2	5	..	..	..	..
Fitchburg,	30,523	5	2	1	1	..	..	..
Newton,	30,461	14	2	..	1	..	..	..
Taunton,	28,527	..	..	..	..	..	..	..
Everett,	28,102	10	2	..	2	..	..	..
Quincy,	24,578	8	4	1	3	..	..	1
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	9	1	2	1	..	..	..
North Adams,	21,583	7	4	..	2	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	12	6	2	3	..	2	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	..	..	..	..	..	..	..
Marlborough,	15,914	3	1	..	..	..	..	..
Newburyport,	15,036	14	2	..	5	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	10	3	2	2	..	..	2
Hyde Park,	13,132	7	1	1	2	1	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	1	1	..	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,760,622	893	207	140	234	11	10	16

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and forty deaths were reported from the principal infectious diseases: diphtheria and croup, 16; scarlet fever, 11; typhoid fever, 10; cerebro-spinal meningitis, 5; diarrhœal diseases, 3; erysipelas, 3; measles, 2.

No deaths were reported from small-pox, puerperal fever and malarial fever.

There were 234 deaths from acute lung diseases, consumption, 82, and stillbirths, 28.

From whooping-cough: Boston, 7; Cambridge, 1. From cerebro-spinal meningitis, Boston, Worcester, Somerville, Brockton and Gloucester, 1 each. From diarrhœal diseases: Fall River, New Bedford and Springfield, 1 each. From erysipelas: Boston, 2; New Bedford, 1. From measles: Boston, 2.

Deaths under five years of age numbered 207, as compared with 265 for the preceding week.

Deaths from the principal infectious diseases numbered 140, as compared with 165 for the preceding week.

The death rates for the week were: Boston, 30.46; Worcester, 17.02; Fall River, 36.00; Cambridge, 19.67; Lowell, 32.49; New Bedford, 16.21; Lynn, 24.32; Somerville, 23.49; Lawrence, 22.00; Springfield, 31.15; Holyoke, 25.52; Brockton, 17.42; Salem, 13.73; Malden, 32.89; Chelsea, 31.92; Haverhill, 26.01; Gloucester, 44.55; Fitchburg, 8.51; Taunton, ——; Everett, 18.50; Quincy, 16.88; Pittsfield, ——; Waltham, 20.52; North Adams, 16.87; Chicopee, 33.96; Northampton, ——; Medford, ——; Marlborough, ——; Newburyport, ——; Woburn, ——; Melrose, 35.30.

The total death rate for the week was 26.37 as compared with 28.01 and 24.29 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAR. 31, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	123	Measles,	237
Diphtheria and croup,	160	Typhoid fever,	17
Small pox,	1		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Mar. 31, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 25,	29.98	32	43	22	44	34		39	N.W.	N.W.	17	6			C.	C.		0.00
Monday, 26,	29.82	37	45	29	56	91		74	S.E.	S.W.	3	4			F.	N.		T
Tuesday, 27,	29.72	40	47	32	95	55		75	W.	W.	7	7			O.	C.		0.24
Wednes'y, 28,	29.80	38	46	31	47	49		48	N.W.	N.W.	14	16			C.	C.		0.00
Thursday, 29,	29.96	40	47	32	58	34		46	N.W.	N.W.	15	9			C.	C.		0.00
Friday, 30,	29.95	37	42	32	38	65		52	N.	S.E.	7	5			O.	O.		0.00
Saturday, 31,	29.73	36	42	30	62	42		52	N.	N.W.	15	22			O.	F.		0.01
Week, - -	29.85		45	29				55										0.25

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, April 7, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 14.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from each other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending April 7, 1900.

Deaths reported to the State Board of Health in 32 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Scarlet Fever.	Diphtheria and Croup.
Boston,	539,416	276	70	73	59	3	2	11
Worcester,	111,732	49	16	3	8	1	1	..
Fall River,	103,142	59	24	7	19	3	..	..
Cambridge,	92,520	33	10	8	9	..	1	1
Lowell,	90,114	47	13	3	15	..	..	..
New Bedford,	70,511	38	13	3	9	..	..	..
Lynn,	68,218	28	1	3	6	..	..	..
Somerville,	64,394	26	3	3	6	1	..	..
Lawrence,	59,072	32	8	5	5	1	..	..
Springfield,	58,266	25	6	4	8	1	..	..
Holyoke,	44,510	23	6	5	3	1	..	..
Brockton,	38,759	..	..	..	..	..	..	..
Salem,	37,723	10	0	5	2	..	1	..
Malden,	36,421	12	1	3	1	..	1	1
Chelsea,	34,235	16	3	..	..	..	..	..
Haverhill,	32,651	18	..	..	6	..	..	..
Gloucester,	31,426	9	0	1	..	..	..	..
Fitchburg,	30,523	17	5	1	3	..	..	..
Newton,	30,461	16	5	5	3	..	..	1
Taunton,	28,527	12	3	1	3	..	..	..
Everett,	28,102	7	4	..	..	..	..	..
Quincy,	24,578	9	1	2	1	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	16	2	3	8	..	..	1
North Adams,	21,583	5	1	..	1	..	..	..
Brookline,	19,412	7	1	..	2	..	..	..
Chicopee,	18,316	6	3	1	3	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	7	2	2	..	..	..	..
Marlborough,	15,914	6	1	2	1	..	..	..
Newburyport,	15,036	13	1	..	6	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	11	1	4	1	..	..	1
Hyde Park,	13,132	7	0	..	1	..	..	..
Beverly,	12,594	1	0	..	1	..	..	..
Clinton,	12,355	3	2	..	1	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Scarlet Fever.	Diphtheria and Croup.
Total of reporting towns,	1,799,586	844	211	147	191	11	6	16

DEATHS FROM PREVALENT DISEASES IN 32 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and forty-seven deaths were reported from the principal infectious diseases: diphtheria and croup, 17; diarrhœal diseases, 11; scarlet fever, 6; cerebro-spinal meningitis, 6; whooping-cough, 5; erysipelas, 4; typhoid fever, 2; measles, 2; puerperal fever. 2.

No deaths were reported from small-pox and malarial fever.

There were 191 deaths from acute lung diseases, consumption, 89, and stillbirths, 35.

From cerebro-spiual meningitis: Boston, 5; Newton, 1. From whooping-cough: Boston, 3; Fall River and Watertown, 1 each. From erysipelas: Boston, 3; Springfield, 1. From typhoid fever: Boston and Lowell, 1 each. From measles: Boston and Holyoke, 1 each. From puerperal fever: Boston and New Bedford, 1 each.

Deaths under five years of age numbered 211, as compared with 207 for the preceding week.

Deaths from the principal infectious diseases numbered 147, as compared with 140 for the preceding week.

The death rates for the week were: Boston, 26.49; Worcester, 22.54; Fall River, 29.50; Cambridge, 18.48; Lowell, 27.11; New Bedford, 28.12; Lynn, 21.28; Somerville, 21.16; Lawrence, 28.16; Springfield, 22.32; Holyoke, ——; Brockton, ——; Salem, 13.73; Malden, 17.16; Chelsea, 24.34; Haverhill, 27.54; Gloucester, 14.85; Fitchburg, 28.90; Newton, 27.20; Taunton, 21.60; Everett, 12.95; Quincy, 18.99; Pittsfield, ——; Waltham, 36.48; North Adams, 12.50; Chicopee, 16.98; Northampton, ——; Medford, 21.14; Marlborough, ——; Newburyport, ——; Woburn, ——; Melrose, ——.

The total death rate for the week was 24.39 as compared with 26.37 and 28.01 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING APRIL 7, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	167	Measles,	282
Diphtheria and croup,	156	Typhoid fever,	24

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, April 7, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 1,	29.94	43	54	32	42	40	41	N.W.	W.	18	12	C.	C.		0.00
Monday, 2,	30.04	50	59	40	47	44	46	W.	S.	8	8	F.	C.		T
Tuesday, 3,	29.73	43	47	39	92	73	82	N.	W.	11	13	R.	C.		0.44
Wednes'y, 4,	29.94	42	51	32	61	60	60	N.W.	N.W.	18	15	C.	C.		0.00
Thursday, 5,	30.03	38	46	31	44	52	48	N.	E.	7	2	C.	C.		0.00
Friday, 6,	29.65	48	59	38	48	54	51	N.	N.W.	8	16	C.	C.		0.00
Saturday, 7,	29.52	50	58	41	52	39	46	N.	N.W.	12	16	C.	C.		0.00
Week, - -															

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, April 14, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 15.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending April 14, 1900.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infections Diseases.	Acute Lung Diseases.	Scarlet Fever.	Diarrhœal Diseases.	Diphtheria and Croup.
Boston,	539,416	269	88	60	56	6	4	13
Worcester,	111,732	61	21	9	14	1	1	..
Fall River,	103,142	45	14	11	11	..	3	..
Cambridge,	92,520	23	7	3	3	..	..	..
Lowell,	90,114	54	14	4	16	..	..	2
New Bedford,	70,511	28	8	2	9	..	1	..
Lynn,	68,218	27	7	2	5	..	..	1
Somerville,	64,394	22	11	2	10	..	..	..
Lawrence,	59,072	30	11	2	7	..	..	..
Springfield,	58,266	34	5	5	9	..	..	..
Holyoke,	44,510	..	..	..	..	..	..	..
Brockton,	38,759	13	2	2	7	..	..	..
Salem,	37,723	13	6	2	1	..	..	..
Malden,	36,421	6	2	1	1	..	..	..
Chelsea,	34,235	20	4	3	..	..	..	2
Haverhill,	32,651	18	4	..	4	..	..	..
Gloucester,	31,426	10	4	3	..	..	..	..
Fitchburg,	30,523	9	0	3	1	..	..	..
Newton,	30,461	9	2	1	2	..	..	..
Taunton,	28,527	10	1	1	4	..	..	..
Everett,	28,102	7	3	1	1	..	..	1
Quincy,	24,578	6	2	2	1	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	6	3	3	..	..	..	2
North Adams,	21,583	9	3	..	3	..	..	..
Brookline,	19,412	4	1	..	2	..	..	..
Chicopee,	18,316	11	5	1	5	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	6	1	1	1	..	..	..
Marlborough,	15,914	8	1	1	1	..	..	..
Newburyport,	15,036	..	..	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	..	..	..	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	5	1	2	3	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infections Diseases.	Acute Lung Diseases.	Scarlet Fever.	Diarrhœal Diseases.	Diphtheria and Croup.
Total of reporting towns,	1,738,352	763	231	127	177	7	9	21

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and twenty-seven deaths were reported from the principal infectious diseases: diphtheria and croup, 21; diarrhœal diseases, 9; scarlet fever, 7; cerebro-spinal meningitis, 6; whooping-cough, 6; measles, 4; erysipelas, 3; typhoid fever, 2; puerperal fever, 1.

No deaths were reported from small-pox and malarial fever.

There were 177 deaths from acute lung diseases, consumption, 68, and stillbirths, 38.

From cerebro-spinal meningitis: Worcester and Gloucester, 2 each; Lynn and Somerville, 1 each. From whooping-cough: Boston, 4; Worcester and Springfield, 1 each. From measles: Boston, 2; Worcester and Chicopee, 1 each. From erysipelas: Boston, 2; Cambridge, 1. From typhoid fever: Boston and Fall River, 1 each. From puerperal fever: Fitchburg, 1.

Deaths under five years of age numbered 231, as compared with 211 for the preceding week.

Deaths from the principal infectious diseases numbered 127, as compared with 147 for the preceding week.

The death rates for the week were: Boston, 25.93; Worcester, 28.36; Fall River, 22.25; Cambridge, 12.88; Lowell, 30.78; New Bedford, 21.72; Lynn, 20.32; Somerville, 8.91; Lawrence, 26.40; Springfield, 30.26; Holyoke, ——; Brockton, 17.42; Salem, 17.81; Malden, 8.52; Chelsea, ——; Haverhill, 27.54; Gloucester, 16.50; Fitchburg, 15.32; Newton, 15.30; Taunton, 18.00; Everett, 12.95; Quincy, 12.66; Pittsfield, ——; Waltham, 13.68; North Adams, 21.69; Chicopee, 31.13; Northampton, ——; Medford, 18.12; Marlborough, ——; Newburyport, ——; Woburn, ——; Melrose, ——.

The total death rate for the week was 22.83 as compared with 24.39 and 26.37 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING APRIL 14, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	124	Measles,	325
Diphtheria and croup,	144	Typhoid fever,	19

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, April 14, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 8,	29.65	44	53	34	32	38		35	N.W.	N.W.	15	12		C.	C.			0.00
Monday, 9,	29.85	36	43	29	37	64		50	N.W.	N.W.	24	9		C.	C.			0.00
Tuesday, 10,	30.08	36	46	27	48	49		48	N.W.	N.W.	20	18		C.	C.			0.00
Wednes'y, 11,	30.30	42	50	33	57	60		58	N.W.	S.	8	9		F.	C.			0.00
Thursday, 12,	30.14	40	44	36	70	100		85	S.E.	N.E.	6	16		O.	R.			0.49
Friday, 13,	29.82	42	43	40	96	88		92	N.	N.W.	13	10		R.	O.			0.08
Saturday, 14,	29.92	44	53	35	69	46		58	W.	S.W.	9	12		C.	C.			0.00
Week, - -	29.97		47	33				61										0.57

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, April 21, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 16.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

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CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending April 21, 1900.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Whooping-cough.	Diphtheria and Croup.
Boston,	539,416	226	68	40	54	2	3	8
Worcester,	111,732	47	14	13	10	1	..	..
Fall River,	103,142	47	14	11	7	5	1	..
Cambridge,	92,520	30	9	6	4	..	1	1
Lowell,	90,114	34	8	5	5	..	..	..
New Bedford,	70,511	39	11	8	9	..	..	1
Lynn,	68,218	..	..	..	..	..	..	..
Somerville,	64,394	21	7	7	5	..	..	1
Lawrence,	59,072	21	6	2	4	..	..	1
Springfield,	58,266	31	2	2	7	1	1	..
Holyoke,	44,510	19	6	7	2	1	..	..
Brockton,	38,759	13	3	3	..	..	1	1
Salem,	37,723	10	6	..	4	..	..	..
Malden,	36,421	5	2	1	..	..	..	..
Chelsea,	34,235	17	6	6	..	..	2	4
Haverhill,	32,651	18	3	2	2	..	..	..
Gloucester,	31,426	8	2	1	..	..	..	..
Fitchburg,	30,523	10	5	4	1	..	..	1
Newton,	30,461	8	2	4	1	..	..	1
Taunton,	28,527	26	4	4	3	..	..	..
Everett,	28,102	8	2	1	..	..	..	..
Quincy,	24,578	5	0	1	1	..	..	1
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	5	1	..	..	..	..	..
North Adams,	21,583	7	2	2	2	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	14	5	2	5	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	4	0	..	2	..	..	..
Marlborough,	15,914	6	2	..	..	..	..	..
Newburyport,	15,036	4	0	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	4	0	..	2	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	6	2	1	1	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Whooping-cough.	Diphtheria and Croup.
Total of reporting towns,	1,724,989	693	192	133	131	10	9	20

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and thirty-three deaths were reported from the principal infectious diseases: diphtheria and croup, 20; diarrhœal diseases, 10; whooping-cough, 9; typhoid fever, 7; measles, 6; erysipelas, 5; scarlet fever, 4; cerebro-spinal meningitis, 3.

No deaths were reported from small-pox, puerperal fever and malarial fever.

There were 131 deaths from acute lung diseases, consumption, 69, and stillbirths, 41.

From typhoid fever: Newton, 2; Boston, Lowell, New Bedford, Holyoke and Fitchburg, 1 each. From measles: Holyoke, 3; Boston, Worcester and Taunton, 1 each. From erysipelas: Boston and Medford, 2 each; Springfield, 1. From scarlet fever: Boston, 3; Somerville 1. From cerebro-spinal meningitis: Somerville, 2; Worcester, 1.

Deaths under five years of age numbered 192, as compared with 231 for the preceding week.

Deaths from the principal infectious diseases numbered 133, as compared with 127 for the preceding week.

The death rates for the week were: Boston, 21.69; Worcester, 21.85; Fall River, 23.50; Cambridge, 16.86; Lowell, 19.38; New Bedford, 29.86; Lynn, ——; Somerville, 17.01; Lawrence, 18.48; Springfield, 27.59; Holyoke, 22.19; Brockton, 17.42; Salem, 13.78; Malden, 7.15; Chelsea, 25.84; Haverhill, 27.54; Gloucester, 13.20; Fitchburg, 17.03; Newton, 13.60; Taunton, ——; Everett, 14.80; Quincy, 10.55; Pittsfield, ——; Waltham, 11.40; North Adams, 16.87; Chicopee, ——; Northampton, ——; Medford, 12.08; Marlborough, ——; Newburyport, 13.80; Woburn, ——; Melrose, 14.12.

The total death rate for the week was 20.88 as compared with 22.83 and 24.39 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING APRIL 21, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	126	Measles,	356
Diphtheria and croup,	150	Typhoid fever,	17

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, April 21, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 15,	30.22	52	63	41	65	36	50	W.	N.	12	10		C.	C.			0.00
Monday, 16,	30.44	53	64	42	60	43	52	S.W.	S.W.	7	13		C.	C.			0.00
Tuesday, 17,	30.41	50	54	46	70	83	76	W.	S.	4	10		O.	O.			0.06
Wednes'y, 18,	30.11	56	61	52	88	90	89	S.W.	S.W.	22	18		R.	R.			0.12
Thursday, 19,	29.88	63	74	52	92	44	68	S.W.	N.W.	15	20		O.	C.			0.42
Friday, 20,	30.12	58	70	47	79	54	66	N.W.	S.	15	10		C.	C.			0.00
Saturday, 21,	30.12	62	74	49	60	47	54	W.	S.W.	4	7		F.	O.			0.00
Week, - -	30.33		56	47			65										0.60

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of March.

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	265	280	545	Maple Syrup,	2	0	2
Butter,	13	1	14	Canned Goods,	1	0	1
Cheese,	2	0	2	Honey,	3	4	7
Lard,	..	..	..	Tea,	5	0	5
Olive Oil,	1	2	3	Coffee,	18	1	19
Vinegar,	0	1	1	Cocoa,	4	1	5
Spices,	159	15	174	Confectionery,	4	0	4
Cream of Tartar,	39	3	42	Condensed Milk,	10	0	10
Molasses,	2	0	2	Drugs,	35	26	61
Syrups,	1	1	2	Miscellaneous,	10	12	22
Maple Sugar,	15	0	15				
				Totals,	589	347	936

Percentage of adulteration, 37.0. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is therefore mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be below the standard was 51.4 per cent., while the percentage of other articles of food was 12.4.

Under "Miscellaneous" are included 12 samples of Ketchup and Chili Sauce, of which two were free from preservative, two contained Salicylic and eight Benzoic Acid.

Three complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. Two of these were for violation of the statutes relative to the sale of milk and one of Olive Oil. Fines were imposed amounting to $150.

The samples of drugs found to be adulterated were Citrate of Iron and Quinine, Citrate of Iron and Strychnine, Ethereal Oil, Extract of Licorice, Glycerine, Precipitated Sulphur, Tincture of Iodine, Tincture of Opium, White Wax and White Wine.

Cities and towns from which samples of food were collected were Boston, Cambridge, Lowell, New Bedford, Somerville, Springfield, Brockton, Salem, Malden, Chelsea, Haverhill, Gloucester, Fitchburg, Newton, Everett, Waltham, Medford, Marlborough, Woburn, Arlington, Brookline, Clinton, Duxbury, Hyde Park, Medfield, Natick, Peabody, Plymouth, Saxonville, Stoughton, Sudbury, Watertown and Winchendon.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, April 28, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 17.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending April 28, 1900.

Deaths reported to the State Board of Health in 32 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Cerebro-spinal meningitis.	Measles.	Diphtheria and Croup.
Boston,	539,416	237	62	58	51	4	4	9
Worcester,	111,732	38	16	6	7	3	..	..
Fall River,	103,142	25	8	4	4	..	1	..
Cambridge,	92,520	23	8	5	4	..	..	2
Lowell,	90,114	31	9	5	6	..	..	..
New Bedford,	70,511	31	13	5	4	..	..	1
Lynn,	68,218	12	..	3	2	1	..	..
Somerville,	64,394	20	8	5	4	3	..	1
Lawrence,	59,072	17	13	1	3	..	..	..
Springfield,	58,266	29	11	2	6	..	..	1
Holyoke,	44,510	24	11	2	3	..	..	..
Brockton,	38,759	7	0	3	1	..	..	..
Salem,	37,723	21	6	2	1	..	..	..
Malden,	36,421	6	1	..	1	..	..	..
Chelsea,	34,235	10	1	..	..	..	..	..
Haverhill,	32,651	10	0	..	5	..	..	..
Gloucester,	31,426	5	0	..	..	..	..	..
Fitchburg,	30,523	5	0	2	1	..	..	..
Newton,	30,461	12	2	3	1	1	..	2
Taunton,	28,527	12	3	3	4	..	2	..
Everett,	28,102	7	3	2	..	..	..	..
Quincy,	24,578	4	0	2	..	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	7	0	2	1	..	..	..
North Adams,	21,583	4	1	1	..	..	..	..
Brookline,	19,412	8	5	2	2	..	1	..
Chicopee,	18,316	11	6	..	1	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	8	4	1	1	..	..	..
Marlborough,	15,914	5	2	1	..	..	..	..
Newburyport,	15,036	7	0	..	1	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	6	3	..	..	..	..	..
Hyde Park,	13,132	5	3	1	1	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	4	1	..	1	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Cerebro-spinal meningitis.	Measles.	Diphtheria and Croup.
Total of reporting towns,	1,825,751	651	198	121	116	12	8	16

DEATHS FROM PREVALENT DISEASES IN 32 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and twenty-one deaths were reported from the principal infectious diseases: diphtheria and croup, 16; cerebro-spinal meningitis, 12; measles, 8; typhoid fever, 7; diarrhœal diseases, 6; erysipelas, 6; scarlet fever, 5; whooping-cough, 3; puerperal fever, 2.

No deaths were reported from small-pox, and malarial fever.

There were 116 deaths from acute lung diseases, consumption, 56, and stillbirths, 40.

From typhoid fever: Boston, 3; Cambridge, Brockton, Salem and Waltham, 1 each. From diarrhœal diseaes; Fall River, 2; Boston, New Bedford, Somerville and Holyoke, 1 each. From erysipelas: Boston, 5; Medford, 1. From scarlet fever: Boston, 4; Everett, 1. From whooping-cough: Boston, Cambridge and Lynn, 1 each. From puerperal fever: Lowell and Brockton, 1 each.

Deaths under five years of age numbered 198, as compared with 192 for the preceding week.

Deaths from the principal infectious diseases numbered 121, as compared with 133 for the preceding week.

The death rates for the week were: Boston, 22.84; Worcester, 17.48; Fall River, 12.25; Cambridge, 12.88; Lowell, 17.88; New Bedford, 22.94; Lynn, 9.12; Somerville, 16.20; Lawrence, 14.96; Springfield, 25.81; Holyoke, 28.03; Brockton, 9.38; Salem, 28.98; Malden, 8.58; Chelsea, 15.20; Haverhill, 15.31; Gloucester, 8.25; Fitchburg, 8.51; Newton, 20.40; Taunton, 21.60; Everett, 12.95; Quincy, 8.44; Pittsfield, ——; Waltham, 15.96; North Adams, 9.64; Chicopee, ——; Northampton, ——; Medford, 24.16; Marlborough, ——; Newburyport, 24.15; Woburn, ——; Melrose, 21.18.

The total death rate for the week was 18.54 as compared with 20.88 and 22.83 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING APRIL 28, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	155	Measles,	362
Diphtheria and croup,	148	Typhoid fever,	13
Small-pox,	1		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, April 28, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 22,	29.97	52	60	44	71	100	86	N.	N.	4	10	O.	R.		0.12
Monday, 23,	29.89	50	58	43	90	96	93	N.	E.	8	6	O.	O.		0.03
Tuesday, 24,	29.96	48	52	43	94	75	84	N.	N.	8	7	R.	C.		0.10
Wednes'y, 25,	29.98	52	64	39	48	33	40	N.W.	N.W.	10	13	C.	C.		0.00
Thursday, 26,	29.81	54	64	45	34	49	42	N.W.	E.	13	4	F.	C.		0.00
Friday, 27,	29.80	46	51	40	47	53	50	N.W.	N.W.	10	10	C.	F.		0.00
Saturday, 28,	30.01	46	52	39	53	68	60	N.	W.	10	10	O.	O.		T
Week, - -	29.92		57	42			79								0.25

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, May 5, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 18.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending May 5, 1900.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Whooping-cough.	Diphtheria and Croup.
Boston,	539,416	209	57	42	35	6	4	5
Worcester,	111,732	34	16	9	5	1	..	2
Fall River,	103,142	..	..	..	..	..	..	..
Cambridge,	92,520	25	6	7	4	..	1	..
Lowell,	90,114	38	5	3	8	..	..	..
New Bedford,	70,511	20	5	2	3	..	..	..
Lynn,	68,218	15	4	1	2	..	..	..
Somerville,	64,394	20	5	6	5	..	..	2
Lawrence,	59,072	24	9	4	4	..	..	..
Springfield,	58,266	30	7	6	9	..	..	1
Holyoke,	44,510	..	..	..	..	..	..	..
Brockton,	38,759	5	1	2	3	..	..	..
Salem,	37,723	13	4	1	..	..	1	..
Malden,	36,421	11	5	1	1	..	..	..
Chelsea,	34,235	14	5	1	..	..	..	..
Haverhill,	32,651	15	2	2	2	..	..	..
Gloucester,	31,426	5	0	2	..	..	..	..
Fitchburg,	30,523	8	3	..	3	..	..	..
Newton,	30,461	9	3	1	1	..	..	..
Taunton,	28,527	9	0	1	1	..	..	..
Everett,	28,102	2	2	..	..	..	..	..
Quincy,	24,578	6	1	3	..	..	..	2
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	8	1	..	1	..	..	..
North Adams,	21,583	12	4	2	5	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	10	3	2	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	2	1	..	..	..	..	..
Marlborough,	15,914	3	0	..	1	..	..	..
Newburyport,	15,036	5	2	1	1	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	3	2	1	1	1	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	4	0	2	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Scarlet Fever.	Whooping-cough.	Diphtheria and Croup.
Total of reporting towns,	1,645,555	559	153	112	95	8	6	12

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and thirteen deaths were reported from the principal infectious diseases: diphtheria and croup, 12; scarlet fever, 8; whooping-cough, 6; measles, 6; typhoid fever, 4; cerebro-spinal meningitis, 4; erysipelas, 3; diarrhœal diseases, 2.

No deaths were reported from small-pox, puerperal fever and malarial fever.

There were 95 deaths from acute lung diseases, consumption, 66, and stillbirths, 26.

From typhoid fever: Boston, 2; Newton and Taunton, 1 each. From cerebro-spinal meningitis: Boston, 3; Worcester, 1. From erysipelas: Boston, 2; Springfield, 1. From diarrhœal diseases; Lowell and Chicopee, 1 each.

Deaths under five years of age numbered 153, as compared with 198 for the preceding week.

Deaths from the principal infectious diseases numbered 112, as compared with 121 for the preceding week.

The death rates for the week were: Boston, 20.06; Worcester, 15.81; Fall River, ——; Cambridge, 14.50; Lowell, 21.66; New Bedford, 14.74; Lynn, 11.40; Somerville, 16.20; Lawrence, 21.12; Springfield, 26.76; Holyoke, ——; Brockton, 7.25; Salem, 17.81; Malden, 15.73; Chelsea, 21.28; Haverhill, 22.95; Gloucester, 8.25; Fitchburg, 13.62; Newton, 15.30; Taunton, 16.20; Everett, 3.75; Quincy, 12.66; Pittsfield, ——; Waltham, 17.84; North Adams, 28.92; Chicopee, 28.30; Northampton, ——; Medford, 6.04; Marlborough, ——; Newburyport, 17.25; Woburn, ——; Melrose, 10.59.

The total death rate for the week was 17.66 as compared with 18.54 and 20.88 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAY 5, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	135	Measles,	350
Diphtheria and croup,	174	Typhoid fever,	22
Small-pox,	2		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, May 5, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
April.																	
Sunday, 29,	29.96	54	69	38	56	36	46	W.	N.W.	8	6		C.	C.			0.01
Monday, 30,	29.73	66	81	50	44	82	63	W.	W.	8	17		C.	O.			0.03
May.																	
Tuesday, 1,	29.83	55	64	46	57	36	46	N.W.	W.	24	9		C.	C.			0.00
Wednes'y, 2,	29.97	58	71	45	70	80	75	S.E.	S.	10	12		O.	C.			0.00
Thursday, 3,	29.51	54	60	49	97	86	92	E.	S.	15	7		R.	O.			2.40
Friday, 4,	29.81	50	56	44	72	50	61	W.	W.	22	7		O.	C.			0.06
Saturday, 5,	29.97	50	54	45	68	49	58	W.	W.	21	10		C.	C.			0.00
Week, - -	29.83		65	45			77										2.50

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, May 12, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 19.

Entered at the poet-office at Boston ae second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returne of deaths from such other towns as report to the Board.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending May 12, 1900.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, bnt the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, npon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of snch returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Scarlet Fever.	Diphtheria and Croup.
Boston,	539,416	203	59	43	31	3	3	7
Worcester,	111,732	31	16	7	7	1	2	..
Fall River,	103,142	..	..	..	..	..	..	..
Cambridge,	92,520	24	6	8	4	..	..	1
Lowell,	90,114	36	7	4	4	..	..	..
New Bedford,	70,511	21	3	1	4	1	..	..
Lynn,	68,218	18	2	3	..	..	..	..
Somerville,	64,394	15	3	3	3	..	..	..
Lawrence,	59,072	46	24	15	6	2	2	1
Springfield,	58,266	22	4	3	9	..	..	..
Holyoke,	44,510	18	6	7	3	..	1	..
Brockton,	38,759	..	..	..	..	..	..	..
Salem,	37,723	11	3	2	1	..	..	1
Malden,	36,421	6	1	1	..	..	..	..
Chelsea,	34,235	11	1	1	..	..	..	1
Haverhill,	32,651	7	1	2	1	1	..	..
Gloucester,	31,426	4	0	1	..	..	..	..
Fitchburg,	30,523	11	4	2	1	..	..	1
Newton,	30,461	7	1	1	1	..	..	..
Taunton,	28,527	9	2	..	1	..	..	..
Everett,	28,102	7	2	..	1	..	..	..
Quincy,	24,578	7	3	1	..	..	..	..
Pittsfield,	23,421	1	0	1	..	..	1	..
Waltham,	22,791	..	..	..	..	..	..	..
North Adams,	21,583	5	0	1	1	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	5	3	..	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	6	3	..	..	..	..	..
Marlborough,	15,914	8	6	..	2	..	..	..
Newburyport,	15,036	5	0	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	1	0	..	..	..	..	..
Hyde Park,	13,132	5	3	..	1	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	4	2	1	1	1	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Scarlet Fever.	Diphtheria and Croup.
Total of reporting towns,	1,665,059	554	165	108	82	9	9	12

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and eight deaths were reported from the principal infectious diseases: diphtheria and croup, 12; scarlet fever, 9; diarrhœal diseases, 9; measles, 7; cerebro-spinal meningitis, 4; typhoid fever, 4; whooping-cough, 1; erysipelas, 1.

No deaths were reported from small-pox, puerperal fever and malarial fever.

There were 82 deaths from acute lung diseases, consumption, 61, and stillbirths, 30.

From measles: Lawrence, 4; Boston, 2; Pittsfield, 1. From typhoid fever: Boston, 3; Salem, 1. From cerebro-spinal meningitis: Boston, 2; Worcester and Holyoke, 1 each. From whooping-cough: Somerville, 1. From erysipelas: Holyoke, 1.

Deaths under five years of age numbered 165, as compared with 153 for the preceding week.

Deaths from the principal infectious diseases numbered 108, as compared with 112 for the preceding week.

The death rates for the week were: Boston, 18.39; Worcester, 17.02; Fall River, ——; Cambridge, 13.44; Lowell, 20.88; New Bedford, 15.54; Lynn, 13.68; Somerville, 12.15; Lawrence, ——; Springfield, 19.58; Holyoke, 20.92; Brockton, ——; Salem, 15.18; Malden, 8.58; Chelsea, 16.72; Haverhill, 10.71; Gloucester, 6.60; Fitchburg, 18.73; Newton, 11.90; Taunton, 16.20; Everett, 12.95; Quincy, 14.77; Pittsfield, 2.22; Waltham, ——; North Adams, 12.05; Chicopee, 14.15; Northampton, ——; Medford, 18.12; Marlborough, ——; Newburyport, 17.25; Woburn, ——; Melrose, 3.53.

The total death rate for the week was 17.30 as compared with 17.66 and 18.24 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAY 12, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	121	Measles,	305
Diphtheria and croup,	172	Typhoid fever,	21
Small-pox,	3		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, May 12, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 6,	30.03	50	60	39	40	48		44	S.W.	W.	8	12		F.	O.			0.00
Monday, 7,	30.20	49	60	38	52	30		41	N.W.	N.W.	10	6		F.	C.			0.00
Tuesday, 8,	29.88	54	67	42	64	90		77	S.W.	S.W.	19	14		O.	O.			0.06
Wednes'y, 9,	29.63	57	75	39	65	69		67	S.W.	N.	18	15		F.	O.			0.26
Thursday, 10,	30.01	42	49	34	79	54		66	N.W.	N.	13	10		C.	C.			T
Friday, 11,	30.00	48	62	33	62	65		64	W.	S.W.	12	12		F.	F.			0.00
Saturday, 12,	30.06	52	63	42	66	62		64	E.	S.	4	8		C.	C.			0.00
Week, - -	29.97		62	38				60										0.32

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of April.

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	500	54	554	Maple Syrup,	8	0	8
Butter,	15	1	16	Canned Goods,	..	..	..
Cheese,	..	..	..	Honey,	2	9	11
Lard,	2	0	2	Tea,	4	0	4
Olive Oil,	..	..	..	Coffee,	11	0	11
Vinegar,	..	..	..	Cocoa,	3	1	4
Spices,	129	12	141	Confectionery,	8	0	8
Cream of Tartar,	37	0	37	Other articles of Food and Drinks,	4	1	5
Molasses,	3	0	3	Drugs,	22	29	51
Syrups,	..	..	..				
Maple Sugar,	4	0	4				
				Totals,	752	107	859

Percentage of adulteration, 12.5. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is therefore mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be below the standard was 9.7 per cent., as compared with 10.8 per cent. for the preceding month, while the percentage of other articles of food was 9.4.

Six complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. All of these were for violation of the statutes relative to the sale of milk. Fines were imposed amounting to $117.60.

The samples of drugs found to be adulterated were Extract of Licorice, Glycerine, Precipitated Sulphur, Spirit of Nitrous Ether, Tincture of Iodine, Tincture of Nux Vomica and Syrup.

Cities and towns from which samples of food were collected were Boston, Worcester, Fall River, Cambridge, New Bedford, Somerville, Lawrence, Brockton, Salem, Malden, Chelsea, Fitchburg, Newton, Quincy, Medford, Newburyport, Woburn, Beverly, Attleboro, Clinton, Dedham, Framingham, Hyde Park, Natick, Northboro, Revere, Stoughton, Watertown, Wayland, Weston and Winthrop.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, May 19, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 20.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending May 19, 1900.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Scarlet Fever.	Diphtheria and Croup.
Boston,	539,416	245	72	70	37	1	8	11
Worcester,	111,732	33	10	7	4	..	2	1
Fall River,	103,142	47	24	23	3	5	..	1
Cambridge,	92,520	32	11	10	2	2	..	2
Lowell,	90,114	43	14	5	6	..	..	1
New Bedford,	70,511	29	8	5	6	..	..	..
Lynn,	68,218	..	..	..	..	..	..	..
Somerville,	64,394	24	11	6	5	..	..	2
Lawrence,	59,072	25	14	5	7	..	..	..
Springfield,	58,266	15	5	1	5	..	..	..
Holyoke,	44,510	18	6	7	3	2	..	1
Brockton,	38,759	..	..	..	..	..	..	..
Salem,	37,723	9	0	..	2	..	..	..
Malden,	36,421	8	0	..	..	..	..	..
Chelsea,	34,235	5	0	..	..	..	..	..
Haverhill,	32,651	9	0	2	2	..	..	1
Gloucester,	31,426	12	1	2	..	..	..	..
Fitchburg,	30,523	15	7	3	2	..	1	1
Newton,	30,461	5	2	5	1	..	..	1
Taunton,	28,527	12	3	2	2	..	..	..
Everett,	28,102	8	3	..	2	..	..	..
Quincy,	24,578	6	3	1	..	..	..	1
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	..	..	..	..	..	..	..
North Adams,	21,583	7	4	1	1	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	5	2	..	2	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	2	0	..	..	..	..	..
Marlborough,	15,914	3	2	..	..	..	..	..
Newburyport,	15,036	2	0	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	3	0	1	1	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	4	2	..	2	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Scarlet Fever.	Diphtheria and Croup.
Total of reporting towns,	1,663,439	636	204	156	95	10	11	23

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and fifty-six deaths were reported from the principal infectious diseases: diphtheria and croup, 23; scarlet fever, 11; diarrhœal diseases, 10; erysipelas, 9; typhoid fever, 8; cerebro-spinal meningitis, 7; whooping-cough, 5; measles, 5.

No deaths were reported from small-pox, puerperal fever and malarial fever.

There were 95 deaths from acute lung diseases, consumption, 78, and stillbirths, 23.

From erysipelas: Boston, 6; Somerville, 2; Cambridge, 1. From typhoid fever: Boston, 5; Cambridge, Lawrence and Newton, 1 each. From cerebro-spinal meningitis: Boston, 3; Worcester, New Bedford, Somerville and Fitchburg, 1 each. From whooping-cough: Boston, Worcester, Fall River, Cambridge and North Adams, 1 each. From measles: Boston, 2; Holyoke and Taunton, 1 each.

Deaths under five years of age numbered 204, as compared with 165 for the preceding week.

Deaths from the principal infectious diseases numbered 156, as compared with 108 for the preceding week.

The death rates for the week were: Boston, 23.52; Worcester, 15.18; Fall River, 23.50; Cambridge, 17.92; Lowell, 24.51; New Bedford, 21.46; Lynn, ——; Somerville, 19.44; Lawrence, 22.00; Springfield, 13.35; Holyoke, 21.02; Brockton, ——; Salem, 12.40; Malden, 11.44; Chelsea, 7.60; Haverhill, 13.77; Gloucester, 19.80; Fitchburg, 23.54; Newton, 8.50; Taunton, 21.60; Everett, 14.80; Quincy, 12.66; Pittsfield, ——; Waltham, ——; North Adams, 16.87; Chicopee, 14.65; Northampton, ——; Medford, 6.04; Marlborough, ——; Newburyport, 6.90; Woburn, ——; Melrose, 10.50.

The total death rate for the week was 19.88 as compared with 17.30 and 17.66 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAY 19, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	149	Measles,	500
Diphtheria and croup,	173	Typhoid fever,	13
Small-pox,	6		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, May 19, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 13,	29.85	64	77	50	77	67		72	S.W.	E.	12	2		C.	F.			0.00
Monday, 14,	29.95	54	63	45	89	96		92	N.	N.E.	10	6		O.	O.			0.00
Tuesday, 15,	29.83	70	93	46	85	98		92	S.W.	N.	7	20		F.	R.			0.14
Wednes'y, 16,	30.10	62	71	52	97	65		81	N.E.	S.W.	10	10		O.	C.			0.05
Thursday, 17,	30.10	56	62	50	93	89		91	E.	E.	9	6		O.	O.			0.01
Friday, 18,	29.83	50	53	46	96	96		96	N.E.	E.	5	14		R.	R.			0.40
Saturday, 19,	29.60	46	48	45	96	91		94	N.E.	N.E.	10	18		R.	O.			1.55
Week, - -	29.90		61	47				88										2.15

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, May 26, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 21.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending May 26, 1900.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Cerebro-spinal meningitis.	Diphtheria and Croup.
Boston,	539,416	200	59	38	34	2	1	9
Worcester,	111,732	35	11	7	4	1	1	1
Fall River,	103,142	37	27	3	8	..	..	1
Cambridge,	92,520	17	4	3	2	1	..	..
Lowell,	90,114	23	9	2	4	..	..	..
New Bedford,	70,511	23	9	3	5	..	1	..
Lynn,	68,218	20	..	2	2	..	2	..
Somerville,	64,394	13	3	5	1	..	1	1
Lawrence,	59,072	20	11	8	3	1	..	1
Springfield,	58,266	20	6	2	5	..	..	..
Holyoke,	44,510	16	6	4	4	2	..	..
Brockton,	38,759	..	..	..	..	..	..	..
Salem,	37,723	16	7	1	2	..	..	..
Malden,	36,421	7	2	1	1	..	..	1
Chelsea,	34,235	5	0	1	..	..	..	..
Haverhill,	32,651	9	2	..	2	..	..	..
Gloucester,	31,426	8	0	..	..	..	..	..
Fitchburg,	30,523	5	2	1	1	..	..	..
Newton,	30,461	8	4	3	..	..	..	..
Taunton,	28,527	13	2	1	..	..	..	..
Everett,	28,102	7	1	..	..	..	..	..
Quincy,	24,578	4	2	..	2	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	6	2	2	1	..	..	2
North Adams,	21,583	3	0	..	..	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	11	3	1	1	..	1	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	6	2	1	..	..	..	..
Marlborough,	15,914	2	2	..	..	..	..	..
Newburyport,	15,036	3	0	..	1	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	5	1	3	..	..	..	1
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	1	0	..	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Cerebro-spinal meningitis.	Diphtheria and Croup.
Total of reporting towns,	1,754,448	543	177	92	83	7	7	17

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Ninety-two deaths were reported from the principal infectious diseases: diphtheria and croup, 17; diarrhœal diseases, 7; cerebro-spinal meningitis, 7; measles, 6; scarlet fever, 4; whooping-cough, 4; erysipelas, 2; typhoid fever, 2.

No deaths were reported from small-pox, puerperal fever and malarial fever.

There were 83 deaths from acute lung diseases, consumption, 43, and stillbirths, 32.

From measles: Lawrence, 4; Boston and Holyoke, 1 each. From scarlet fever: Boston, 3; Holyoke, 1. From whooping-cough: Boston, Springfield, Holyoke and Salem, 1 each. From erysipelas: Medford, 1. From typhoid fever: Boston and Newton, 1 each.

Deaths under five years of age numbered 177, as compared with 204 for the preceding week.

Deaths from the principal infectious diseases numbered 92, as compared with 156 for the preceding week.

The death rates for the week were: Boston, 19.20; Worcester, 16.10; Fall River, 18.50; Cambridge, 9.52; Lowell, 13.27; New Bedford, 16.02; Lynn, 15.20; Somerville, 10.53; Lawrence, 17.60; Springfield, ——; Holyoke, 18.68; Brockton, ——; Salem, 22.03; Malden, 10.01; Chelsea, 7.60; Haverhill, 13.77; Gloucester, 12.20; Fitchburg, 8.51; Newton, 13.60; Taunton, 23.40; Everett, 12.95; Quincy, 8.44; Pittsfield, ——; Waltham, 13.68; North Adams, 7.23; Chicopee, ——; Northampton, ——; Medford, 18.12; Marlborough, 6.52; Newburyport, 10.35; Woburn, ——; Melrose, 17.75.

The total death rate for the week was 16.09 as compared with 19.88 and 17.30 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING MAY 26, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	127	Measles,	575
Diphtheria and croup,	177	Typhoid fever,	40
Small-pox,	8		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, May 26, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 20,	29.63	52	58	45	72	63		68	N.W.	N.W.	13	9		O.	C.			0.03
Monday, 21,	29.72	56	66	46	60	81		70	W.	W.	5	6		C.	C.			0.11
Tuesday, 22,	29.83	58	72	45	58	39		48	N.W.	N.	19	5		C.	C.			0.00
Wednes'y, 23,	29.95	60	67	52	56	63		60	N.W.	W.	6	2		F.	C.			0.00
Thursday, 24,	30.01	58	65	50	71	87		79	E.	N.E.	6	13		O.	O.			0.00
Friday, 25,	30.24	52	56	48	74	56		65	N.E.	N.E.	22	12		O.	F.			0.00
Saturday, 26,	30.23	52	60	45	48	64		56	N.E.	E.	9	5		F.	O.			0.00
Week, - -	29.95		64	47				74										0.14

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 2, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 22.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending June 2, 1900.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Scarlet Fever.	Diphtheria and Croup.
Boston,	539,416	216	77	48	31	2	8	12
Worcester,	111,732	36	18	6	11	1	1	..
Fall River,	103,142	25	14	7	9	2	..	..
Cambridge,	92,520	19	8	8	2	1	..	3
Lowell,	90,114	28	16	5	4	1	..	1
New Bedford,	70,511	20	4	1	3	..	..	..
Lynn,	68,218	19	4	5	1	..	..	..
Somerville,	64,394	12	3	6	1	1	..	1
Lawrence,	59,072	19	10	7	1	..	1	2
Springfield,	58,266	25	5	2	4	..	..	..
Holyoke,	44,510	..	..	..	..	..	..	..
Brockton,	38,759	6	3	1	3	..	..	1
Salem,	37,723	16	7	4	..	1	..	1
Malden,	36,421	5	1	1	1	..	..	..
Chelsea,	34,235	11	4	2	..	..	..	..
Haverhill,	32,651	14	2	5	2	..	..	..
Gloucester,	31,426	6	0	1	..	..	..	..
Fitchburg,	30,523	13	..	4	1	..	..	1
Newton,	30,461	8	3	..	1	..	..	..
Taunton,	28,527	9	3	2	1	1	..	..
Everett,	28,102	6	0	1	1	..	..	..
Quincy,	24,578	6	3	3	..	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	19	3	3	2	..	..	..
North Adams,	21,583	13	5	2	3	..	..	..
Brookline,	19,412	12	11	..	4	..	..	..
Chicopee,	18,316	..	..	..	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	2	2	2	..	1	..	..
Marlborough,	15,914	6	4	2	..	..	..	..
Newburyport,	15,036	6	1	2	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	4	1	..	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	4	2	2	..	1	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Scarlet Fever.	Diphtheria and Croup.
Total of reporting towns,	1,749,803	585	214	132	86	12	10	22

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and thirty-two deaths were reported from the principal infectious diseases: diphtheria and croup, 22; diarrhœal diseases, 12; scarlet fever, 10; cerebro-spinal meningitis, 9; whooping-cough, 5; measles, 5; typhoid fever, 3; erysipelas, 3; puerperal fever, 1.

No deaths were reported from small-pox and malarial fever.

There were 86 deaths from acute lung diseases, consumption, 62, and stillbirths, 29.

From cerebro-spinal meningitis: Quincy and Marlborough, 2 each; Boston, Worcester, Cambridge, Lynn and Fitchburg, 1 each. From whooping-cough: Boston, 3; Salem, 2. From measles: Lawrence, 2; Worcester, Fall River and Medford, 1 each. From typhoid fever: Boston, Lawrence and Newburyport, 1 each. From erysipelas: Boston, Somerville and Lawrence, 1 each. From puerperal fever: Fitchburg, 1.

Deaths under five years of age numbered 214, as compared with 177 for the preceding week.

Deaths from the principal infectious diseases numbered 132, as compared with 92 for the preceding week.

The death rates for the week were: Boston, 20.73; Worcester, 16.56; Fall River, 12.50; Cambridge, 10.67; Lowell, 15.96; New Bedford, 14.80; Lynn, 14.44; Somerville, 9.72; Lawrence, 16.72; Springfield, 22.30; Holyoke, ——; Brockton, 8.04; Salem, 21.92; Malden, 7.12; Chelsea, 16.72; Haverhill, 21.42; Gloucester, 9.90; Fitchburg, 22.10; Newton, 13.60; Taunton, 16.20; Everett, 10.10; Quincy, 12.66; Pittsfield, ——; Waltham, 34.32; North Adams, 31.33; Chicopee, ——; Northampton, ——; Medford, 6.04; Marlborough, 19.56; Newburyport, 20.70; Woburn, ——; Melrose, 14.12.

The total death rate for the week was 17.38 as compared with 16.09 and 19.88 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JUNE 2, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	106	Measles,	518
Diphtheria and croup,	165	Typhoid fever,	23
Small-pox,	3		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, June 2, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
May																		
Sunday, 27,	29.98	57	66	48	65	47		56	N.W.	S.	4	8		O.	F.			0.00
Monday, 28,	30.28	49	53	45	74	38		56	N.E.	N.E.	16	3		O.	C.			T
Tuesday, 29,	30.33	58	74	42	37	42		40	W.	S.	6	10		C.	C.			0.00
Wednes'y, 30,	30.14	68	82	55	47	51		49	W.	S.W.	8	12		C.	O.			0.00
Thursday, 31,	29.92	74	87	61	68	57		62	W.	W.	12	8		C.	F.			T
June																		
Friday, 1,	30.01	77	86	68	52	62		57	N.W.	S.E.	8	7		O.	O.			0.00
Saturday, 2,	29.83	76	86	65	67	68		68	S.W.	S.W.	14	10		O.	O.			0.00
Week, - -	30.07		76	55				56										0.00

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 9, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 23.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending June 9, 1900.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	ESTIMATED POPULATION.	Reported Deaths in Each.	Deaths under five years.	DEATHS FROM				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Scarlet Fever.	Diphtheria and Croup.
Boston,	539,416	215	67	51	33	3	8	6
Worcester,	111,732	38	12	7	7	1	1	2
Fall River,	103,142	31	11	12	4	3	..	..
Cambridge,	92,520	20	7	6	2	..	1	2
Lowell,	90,114	31	11	4	3	..	..	1
New Bedford,	70,511	9	1	1	1	..	..	..
Lynn,	68,218	16	4	4	2	..	..	1
Somerville,	64,394	14	4	2	4	..	..	1
Lawrence,	59,072	22	4	2	1	..	..	..
Springfield,	58,266	17	3	2	2	..	..	..
Holyoke,	44,510	14	3	1	4	..	..	..
Brockton,	38,759	3	0	3	..	..	..	..
Salem,	37,723	13	7	..	..	..	..	..
Malden,	36,421	8	2	..	..	..	..	..
Chelsea,	34,235	7	3	..	..	..	..	..
Haverhill,	32,651	10	2	1	..	..	..	..
Gloucester,	31,426	7	1	1	..	..	..	..
Fitchburg,	30,523	8	2	..	..	..	..	..
Newton,	30,461	9	2	..	1	..	..	..
Taunton,	28,527	10	3	2	2	..	..	..
Everett,	28,102	6	2	..	..	..	..	..
Quincy,	24,578	8	0	3	..	..	..	1
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	5	0	2	..	..	..	2
North Adams,	21,583	6	2	1	..	1	..	..
Brookline,	19,412	4	0	..	..	..	..	..
Chicopee,	18,316	7	4	2	1	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	..	..	..	..	..	..	..
Marlborough,	15,914	..	..	..	..	..	..	..
Newburyport,	15,036	1	0	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	4	1	..	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	1	0	..	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	ESTIMATED POPULATION.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Scarlet Fever.	Diphtheria and Croup.
Total of reporting towns,	1,779,515	544	158	107	67	8	10	16

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and seven deaths were reported from the principal infectious diseases: diphtheria and croup, 16; scarlet fever, 10; diarrhœal diseases, 8; typhoid fever, 5; measles, 5; whooping-cough, 4; cerebro-spinal meningitis, 4; erysipelas, 2.

No deaths were reported from small-pox, puerperal fever and malarial fever.

There were 67 deaths from acute lung diseases, consumption, 53, and stillbirths, 33.

From typhoid fever: Boston, 3; Fall River and Brockton, 1 each. From measles: Boston, 2; New Bedford, Lawrence and Chicopee, 1 each. From whooping-cough: Boston, Fall River, Worcester and Lyun, 1 each. From cerebro-spinal meningitis: Boston, 2; Lynn and Brockton, 1 each. From erysipelas: Boston and Taunton, 1 each.

Deaths under five years of age uumbered 158, as compared with 214 for the preceding week.

Deaths from the principal infectious diseases numbered 107, as compared with 132 for the preceding week.

The death rates for the week were: Boston, 20.62; Worcester, 17.67; Fall River, 15.50; Cambridge, 11.24; Lowell, 17.67; New Bedford, 6.63; Lynn, 12.16; Somerville, 11.34; Lawrence, 19.36; Springfield, 12.46; Holyoke, ——; Brockton, 4.02; Salem, 17.81; Malden, 11.44; Chelsea, 10.64; Haverhill, 15.31; Gloucester, 11.55; Fitchburg, 13.62; Newton, 15.30; Taunton, 18.00; Everett, 11.10; Quincy, 16.88; Pittsfield, ——; Waltham, 11.40; North Adams, 14.46; Chicopee, 19.81; Northampton, ——; Medford, ——; Marlborough, ——; Newburyport, 3.45; Woburn, ——; Melrose, ——.

The total death rate for the week was 15.33 as compared with 17.38 and 16.09 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JUNE 9, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	115	Measles,	498
Diphtheria and croup,	187	Typhoid fever,	38
Small-pox,	15		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, June 9, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 3,	30.01	62	70	53	94	92		93	N.E.	N.E.	15	18			O.	R.			0.42
Monday, 4,	30.18	53	58	48	68	79		74	N.E.	N.E.	20	7			O.	C.			0.01
Tuesday, 5,	30.09	60	74	46	70	56		63	W.	S.	6	10			C.	C.			0.00
Wednes'y, 6,	30.11	68	81	56	57	65		61	W.	S.	1	9			C.	C.			0.00
Thursday, 7,	29.95	66	77	56	64	78		71	S.W.	S.	8	13			C.	F.			0.00
Friday, 8,	29.79	69	80	58	81	89		85	S.W.	S.	12	9			F.	R.			0.05
Saturday, 9,	29.82	74	84	64	86	48		67	W.	N.	10	13			O.	C.			0.04
Week, - -	29.99		75	54				73											0.52

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of May.

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	447	64	511	Maple Syrup, . .	4	0	4
Butter, . . .	11	4	15	Canned Goods, .	..	..	..
Cheese, . . .	4	0	4	Honey, . . .	3	0	3
Lard, . . .	6	3	9	Tea, . . .	5	0	5
Olive Oil, . . .	..	..	..	Coffee, . . .	16	2	18
Vinegar, . . .	13	5	18	Cocoa, . . .	1	0	1
Spices, . . .	108	16	124	Confectionery, .	3	6	9
Cream of Tartar, .	32	0	32	Other articles of Food and Drinks,	8	10	18
Molasses, . . .	4	0	4	Drugs, . . .	29	47	76
Syrups, . . .	..	..	..				
Maple Sugar, . .	3	0	3				
				Totals, . .	697	157	854

Percentage of adulteration, 17.2. The actnal ratio of adulteration is very much less than this, since it is only snspicions articles of food to which the attention of the Board is directed. Certain staple prodncts, such as sugar, flonr, and the various other cereal products, are very rarely adulterated, and require bnt little inspection. The work of the Board is therefore mainly devoted to the inspection of snch articles as it has fonnd, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk fonnd to be below the standard was 12.5 per cent., while the percentage of articles of food was 17.2 per cent.

Of the five samples of vinegar classed as adulterated two were above the standard as to acidity and total solids but, though sold as "cider vinegar" were not made from cider.

The six samples of adulterated confectionery were chocolate "brandy drops" the syrup of which contained from 1.7 per cent. to 4.3 per cent. alcohol by weight.

Two complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. These were for the violation of the statutes relative to the sale of oleomargarine and vinegar.

The samples of drugs found to be adulterated were Distilled Water, Extract of Licorice, Glycerine, Precipitated Sulphnr, Spirit of Nitrous Ether, Tincture of Iodine, and Tinctnre of Opium.

Cities and towns from which samples of food were collected were Boston, Cambridge, Lowell, Lawrence, Salem, Chelsea, Haverhill, Gloucester, Newton, Taunton, Waltham, Marlborough, Billerica, Braintree, Brookline, Hyde Park, Lincoln, Revere, Rockport, Wayland and Weymouth.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 16, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 24.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

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Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending June 16, 1900.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Measles.	Diphtheria and Croup.
Boston,	539,416	178	56	47	32	8	3	9
Worcester,	111,732	23	15	9	7	..	..	..
Fall River,	103,142	33	13	10	3	4	..	..
Cambridge,	92,520	17	5	8	2	..	..	2
Lowell,	90,114	24	8	6	1	2	..	..
New Bedford,	70,511	19	6	..	1	..	..	..
Lynn,	68,218	19	4	3	2	..	1	..
Somerville,	64,394	17	4	..	4	..	..	..
Lawrence,	59,072	16	7	5	3	..	..	1
Springfield,	58,266	15	7	2	2	..	1	..
Holyoke,	44,510	9	6	3	1	2	1	..
Brockton,	38,759	1	1	..	..	..	..	..
Salem,	37,723	14	8	4	1	1	..	1
Malden,	36,421	6	2	1	2	..	..	1
Chelsea,	34,235	10	1	..	..	..	..	..
Haverhill,	32,651	7	0	..	1	..	..	..
Gloucester,	31,426	10	2	4	..	..	..	1
Fitchburg,	30,523	7	1	1	..	..	..	..
Newton,	30,461	5	1	1	..	..	..	1
Taunton,	28,527	9	1	..	1	..	..	..
Everett,	28,102	5	2	..	..	..	..	..
Quincy,	24,578	6	1	1	..	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	5	1	2	..	1	..	..
North Adams,	21,583	5	2	..	1	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	7	3	1	..	1	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	3	1	1	..	..	..	1
Marlborough,	15,914	..	..	..	..	..	..	..
Newburyport,	15,036	6	2	..	1	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	3	2	..	1	..	..	..
Hyde Park,	13,132	3	2	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	6	1	1	..	1	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Measles.	Diphtheria and Croup.
Total of reporting towns,	1,790,425	488	165	110	66	20	6	17

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and ten deaths were reported from the principal infectious diseases: diarrhœal diseases, 20; diphtheria and croup, 17; measles, 6; cerebro-spinal meningitis, 5; scarlet fever, 5; whooping-cough, 5; typhoid fever, 2; erysipelas, 1.

No deaths were reported from small-pox, puerperal fever and malarial fever.

There were 66 deaths from acute lung diseases, consumption, 49, and stillbirths, 32.

From cerebro-spinal meningitis: Worcester, 3; Boston, and Gloucester, 1 each. From whooping-cough: Boston, 4; Fall River, 1. From scarlet fever: Boston and Salem, 2; Worcester, 1. From typhoid fever: Fall River and Lawrence, 1 each. From erysipelas: Boston, 1.

Deaths under five years of age numbered 165, as compared with 158 for the preceding week.

Deaths from the principal infectious diseases numbered 110, as compared with 107 for the preceding week.

The death rates for the week were: Boston, 17.15; Worcester, 10.58; Fall River, 16.50; Cambridge, ——; Lowell, 13.84; New Bedford, ——; Lynn, 14.44; Somerville, 13.77; Lawrence, 14.08; Springfield, 13.35; Holyoke, 10.51; Brockton, 1.34; Salem, 19.14; Malden, 5.76; Chelsea, ——; Haverhill, 10.71; Gloucester, 16.50; Fitchburg, 11.92; Newton, 8.50; Taunton, 16.20; Everett, 9.25; Quincy, 12.66; Pittsfield, ——; Waltham, 11.40; North Adams, 12.05; Chicopee, 19.81; Northampton, ——; Medford, 9.06; Marlborough, ——; Newburyport, 14.70; Woburn, ——; Melrose, 10.59.

The total death rate for the week was 14.17 as compared with 15.83 and 17.38 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JUNE 16, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	72	Measles,	403
Diphtheria and croup,	165	Typhoid fever,	33
Small-pox,	7		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, June 16, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 10,	30.18	63	70	56	79	45	62	N.E.	S.	10	9		C.	C.			0.00
Monday, 11,	29.96	68	84	53	74	71	72	S.W.	S.W.	12	11		C.	O.			0.00
Tuesday, 12,	30.09	72	78	65	75	50	62	S.E.	S.E.	11	4		F.	O.			0.00
Wednes'y, 13,	30.21	62	68	57	72	69	70	S.E.	S.E.	5	8		C.	C.			0.00
Thursday, 14,	30.00	66	75	56	87	83	85	W.	W.	7	10		O.	O.			0.67
Friday, 15,	30.01	70	79	62	65	33	49	N.	N.	14	10		F.	C.			0.00
Saturday, 16,	29.96	70	83	57	57	39	48	W.	W.	6	4		C.	O.			0.00
Week, - -	30.06		77	58			64										0.67

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 23, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 25.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending June 23, 1900.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Measles.	Diphtheria and Croup.
Boston,	539,416	178	50	39	26	3	5	8
Worcester,	111,732	33	11	8	3	1	..	1
Fall River,	103,142	15	..	15	2	9	..	..
Cambridge,	92,520	18	3	4	1	2	..	..
Lowell,	90,114	28	5	3	4	..	1	..
New Bedford,	70,511	17	7	1	2	..	..	..
Lynn,	68,218	15	3	2	..	..	..	..
Somerville,	64,394	10	5	2	..	1	..	1
Lawrence,	59,072	20	11	8	1	1	2	2
Springfield,	58,266	22	7	7	2	2	..	..
Holyoke,	44,510	14	7	2	2	..	..	1
Brockton,	38,759	..	..	..	..	..	..	..
Salem,	37,723	6	3	4	..	..	..	1
Malden,	36,421	7	0	4	..	..	..	1
Chelsea,	34,235	7	2	..	..	..	..	..
Haverhill,	32,651	8	2	5	..	..	..	..
Gloucester,	31,426	9	2	2	1	..	..	..
Fitchburg,	30,523	8	2	..	1	..	..	..
Newton,	30,461	12	2	..	2	..	..	..
Taunton,	28,527	13	6	2	..	..	2	..
Everett,	28,102	8	3	2	1	..	..	..
Quincy,	24,578	2	0	1	..	..	..	1
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	5	1	1	1	..	..	..
North Adams,	21,583	5	1	..	1	..	..	..
Brookline,	19,412	5	0	1	..	..	..	..
Chicopee,	18,316	9	4	2	1	1	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	6	2	..	..	..	..	..
Marlborough,	15,914	5	1	1	..	..	..	..
Newburyport,	15,036	..	..	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	..	..	..	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	1	0	..	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Measles.	Diphtheria and Croup.
Total of reporting towns,	1,744,103	486	140	116	51	20	10	16

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and sixteen deaths were reported from the principal infectious diseases: diarrhœal diseases, 20; diphtheria and croup, 16; measles, 10; cerebro-spinal meningitis, 6; whooping-cough, 3; typhoid fever, 1.

No deaths were reported from small-pox, erysipelas, puerperal fever and malarial fever.

There were 60 deaths from consumption, acute lung diseases, 58, and stillbirths, 24.

From cerebro-spinal meningitis: Worcester, 3; Boston, 2; Everett, 1. From whooping-cough: Worcester, Gloucester and Waltham, 1 each. From typhoid fever: Lowell, 1.

Deaths under five years of age numbered 140, as compared with 165 for the preceding week.

Deaths from the principal infectious diseases numbered 116, as compared with 110 for the preceding week.

The death rates for the week were: Boston, 17.08; Worcester, 15.34; Fall River, 7.50; Cambridge, 10.08; Lowell, 16.15; New Bedford, 12.52; Lynn, ——; Somerville, 8.07; Lawrence, 17.60; Springfield, 19.58; Holyoke, 16.35; Brockton, ——; Salem, 8.23; Malden, 9.94; Chelsea, 10.64; Haverhill, 12.24; Gloucester, 14.85; Fitchburg, 13.62; Newton, 20.40; Taunton, 23.40; Everett, 14.80; Quincy, 4.22; Pittsfield, ——; Waltham, 11.40; North Adams, 12.05; Chicopee, 25.47; Northampton, ——; Medford, 18.12; Marlborough, 16.30; Newburyport, ——; Woburn, ——; Melrose, ——.

The total death rate for the week was 14.49 as compared with 14.17 and 15.83 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JUNE 23, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	74	Measles,	393
Diphtheria and croup,	168	Typhoid fever,	42
Small-pox,	34		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, June 23, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 17,	29.98	68	74	61	62	76	69	W.	E.	4	2			O.	O.			0.00
Monday, 18,	30.08	60	64	56	66	70	68	N.E.	N.E.	16	9			F.	C.			0.00
Tuesday, 19,	30.11	58	64	53	64	68	66	N.E.	E.	12	3			O.	C.			0.00
Wednes'y, 20,	29.87	67	76	58	68	63	66	N.W.	W.	9	11			O.	F.			T
Thursday, 21,	29.77	72	82	62	42	47	44	N.W.	S.W.	14	10			C.	C.			0.00
Friday, 22,	29.79	76	87	66	64	94	79	W.	W.	10	6			C.	R.			0.32
Saturday, 23,	29.96	64	74	54	80	76	78	N.E.	S.	9	12			F.	C.			0.61
Week, - -	29.94		74	59			67											0.93

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, June 30, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 26.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending June 30, 1900.

Deaths reported to the State Board of Health in 31 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Measles.	Diphtheria and Croup.
Boston,	539,416	156	41	31	11	2	1	6
Worcester,	111,732	38	19	6	7	2	1	..
Fall River,	103,142	39	24	16	7	13	..	..
Cambridge,	92,520	18	4	7	..	1	..	1
Lowell,	90,114	39	11	5	1	2	..	..
New Bedford,	70,511	16	9	2	1	..	..	..
Lynn,	68,218	18	2	6	..	..	..	..
Somerville,	64,394	13	4	3	2	..	..	..
Lawrence,	59,072	37	17	17	1	13	1	..
Springfield,	58,266	14	4	2	..	1	..	..
Holyoke,	44,510	27	11	10	2	6	1	1
Brockton,	38,759	6	5	1	..	..	..	..
Salem,	37,723	13	6	5	..	..	..	1
Malden,	36,421	8	1	1	1	..	..	..
Chelsea,	34,235	13	3	2	..	..	..	1
Haverhill,	32,651	8	2	1	..	..	..	..
Gloucester,	31,426	2	0	..	..	..	..	..
Fitchburg,	30,523	5	3	1	..	..	1	..
Newton,	30,461	6	2	1	1	..	..	1
Taunton,	28,527	16	4	4	1	1	1	1
Everett,	28,102	5	2	..	..	..	..	..
Quincy,	24,578	5	2	2	..	1	..	1
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	8	2	1	1	..	..	1
North Adams,	21,583	7	1	1	..	..	..	..
Brookline,	19,412	2	0	..	..	..	..	..
Chicopee,	18,316	5	3	2	..	2	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	3	2	..	..	..	..	..
Marlborough,	15,914	2	0	..	..	..	..	..
Newburyport,	15,036	4	1	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	1	0	1	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	1	0	..	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Measles.	Diphtheria and Croup.
Total of reporting towns,	1,812,619	535	185	128	36	44	6	14

DEATHS FROM PREVALENT DISEASES IN 31 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and twenty-eight deaths were reported from the principal infectious diseases: diarrhœal diseases, 44; diphtheria and croup, 14; measles, 6; whooping-cough, 5; typhoid fever, cerebro-spinal meningitis and scarlet fever, each 3.

No deaths were reported from small-pox, puerperal fever, erysipelas and malarial fever.

There were 50 deaths from consumption, acute lung diseases, 36, and stillbirths, 36.

From whooping-cough: Salem 3; Worcester and New Bedford, 1 each. From typhoid fever: Boston, Cambridge and North Adams, 1 each. From cerebro-spinal meningitis: Boston, Worcester and Lynn, 1 each. From scarlet fever: Boston, 2; Worcester, 1.

Deaths under five years of age numbered 185, as compared with 140 for the preceding week.

Deaths from the principal infectious diseases numbered 128, as compared with 116 for the preceding week.

The death rates for the week were: Boston, 15.03; Worcester, 17.67; Fall River, 19.50; Cambridge, 10.08; Lowell, 22.50; New Bedford, 11.79; Lynn, 13.68; Somerville, 10.53; Lawrence, 32.78; Springfield, 12.46; Holyoke, 31.53; Brockton, 8.04; Salem, ——; Malden, 11.36; Chelsea, 17.81; Haverhill, 12.24; Gloucester, 3.30; Fitchburg, 8.56; Newton, 10.20; Taunton, 28.80; Everett, 9.50; Quincy, 10.55; Pittsfield, ——; Waltham, 18.24; North Adams, 16.87; Chicopee, 14.15; Northampton, ——; Medford, 9.06; Marlborough, 6.52; Newburyport, 13.80; Woburn, ——; Melrose, 3.53.

The total death rate for the week was 15.34 as compared with 14.49 and 14.17 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JUNE 30, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	81	Measles,	239
Diphtheria and croup,	178	Typhoid fever,	28
Small-pox,	4		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, June 30, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 24,	29.83	69	82	56	76	80		78	S.W.	S.W.	21	14			C.	C.			0.00
Monday, 25,	29.73	78	87	68	67	65		66	W.	N.W.	9	10			F.	F.			0.00
Tuesday, 26,	29.90	71	82	60	46	60		53	S.	S.	8	13			C.	C.			0.00
Wednes'y, 27,	29.68	79	94	64	73	66		70	S.W.	S.W.	12	20			C.	O.			0.00
Thursday, 28,	29.62	80	90	70	68	77		72	W.	S.W.	8	14			C.	R.			0.17
Friday, 29,	29.56	76	85	68	68	64		66	W.	S.W.	14	12			C.	F.			0.16
Saturday, 30,	29.73	65	72	58	46	44		45	W.	W.	22	15			C.	C.			0.00
Week, - -	29.72		85	63				64											0.33

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, July 7, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 27.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending July 7, 1900.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	204	65	50	19	6	4	9
Worcester,	111,732	45	23	8	6	2	..	2
Fall River,	103,142	64	42	35	1	30	1	..
Cambridge,	92,520	20	8	6	..	2	..	1
Lowell,	90,114	31	14	6	4	3	..	..
New Bedford,	70,511	18	4	5	1	1	..	..
Lynn,	68,218	19	..	8	..	1	1	1
Somerville,	64,394	18	5	3	4	..	..	2
Lawrence,	59,072	18	13	9	..	6	1	..
Springfield,	58,266	25	7	8	..	4	..	..
Holyoke,	44,510	27	17	14	..	9	..	..
Brockton,	38,759	5	2	1	..	..	..	..
Salem,	37,723	12	1	3	..	1	..	..
Malden,	36,421	8	2	..	..	..	..	..
Chelsea,	34,235	6	0	1	..	..	1	..
Haverhill,	32,651	2	0	..	..	..	..	..
Gloucester,	31,426	6	2	..	..	..	..	..
Fitchburg,	30,523	8	3	2	1	..	..	1
Newton,	30,461	4	0	3	2	1	..	1
Taunton,	28,527	8	1	3	..	1	..	..
Everett,	28,102	2	1	..	..	..	..	..
Quincy,	24,578	5	0	2	..	2	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	4	0	..	..	..	..	..
North Adams,	21,583	4	2	..	..	..	..	..
Brookline,	19,412	5	0	2	..	..	..	1
Chicopee,	18,316	8	5	3	..	3	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	4	0	2	..	..	..	1
Marlborough,	15,914	..	..	..	..	..	..	..
Newburyport,	15,036	7	1	1	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	1	1	..	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	3	0	1	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,796,705	591	219	176	38	72	8	19

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and seventy-six deaths were reported from the principal infectious diseases: diarrhœal diseases, 72; diphtheria and croup, 19; typhoid fever, 8; cerebro-spinal meningitis, 8; whooping-cough, 4; scarlet fever, 2; puerperal fever, 2; erysipelas, 2.

No deaths were reported from small-pox and malarial fever.

There were 60 deaths from consumption, acute lung diseases, 38, and stillbirths, 31.

From cerebro-spinal meningitis: Boston, 4; Lynn, 2; Worcester and Cambridge, 1 each. From whooping-cough: Boston, 2; Worcester and Fitchburg, 1 each. From scarlet fever: Boston and Holyoke, 1 each. From puerperal fever: Boston, 2. From erysipelas: Worcester and Medford, 1 each.

Deaths under five years of age numbered 219, as compared with 185 for the preceding week.

Deaths from the principal infectious diseases numbered 176, as compared with 128 for the preceding week.

The death rates for the week were: Boston, 19.66; Worcester, 20.92; Fall River, 32.00; Cambridge, 11.24; Lowell, 17.67; New Bedford, ——; Lynn, 14.47; Somerville, 14.58; Lawrence, 15.84; Springfield, 22.25; Holyoke, 31.53; Brockton, 6.75; Salem, 16.44; Malden, 11.44; Chelsea, 9.12; Haverhill, 3.06; Gloucester, 9.90; Fitchburg, 13.62; Newton, 6.80; Taunton, 14.40; Everett, 3.90; Quincy, 10.55; Pittsfield, ——; Waltham, 9.12; North Adams, 9.64; Chicopee, ——; Northampton, ——; Medford, 12.08; Marlborough, ——; Newburyport, 24.15; Woburn, ——; Melrose, 3.53.

The total death rate for the week was 17.10 as compared with 15.34 and 14.49 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JULY 7, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	46	Measles,	210
Diphtheria and croup,	137	Typhoid fever,	37

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, July 7, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 1,	29.92	64	74	55	54	54		54	N.W.	N.W.	20	12		C.	C.			0.00
Monday, 2,	30.11	66	75	56	53	55		54	S.W.	S.	17	9		C.	F.			0.00
Tuesday, 3,	30.06	68	77	60	60	59		60	N.W.	S.W.	11	17		C.	O.			0.00
Wednes'y, 4,	29.89	77	87	67	70	46		58	N.W.	N.	9	6		C.	C.			0.01
Thursday, 5,	29.98	71	78	64	58	62		60	N.E.	N.W.	5	6		C.	F.			0.00
Friday, 6,	29.86	66	71	62	55	74		64	N.E.	E.	4	5		O.	O.			0.10
Saturday, 7,	29.71	80	95	65	66	91		78	W.	W.	10	12		F.	O.			0.00
Week, - -	29.93	70	80	61	59	63		61										0.11

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, July 14, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 28.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending July 14, 1900.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	206	76	55	20	13	2	9
Worcester,	111,732	31	15	14	3	5	..	2
Fall River,	103,142	64	49	36	2	32	..	..
Cambridge,	92,520	23	5	9	2	1	..	1
Lowell,	90,114	35	21	8	1	6	1	..
New Bedford,	70,511	21	..	4	1	4	..	..
Lynn,	68,218	..	..	..	..	..	..	..
Somerville,	64,394	11	3	2	..	1	..	..
Lawrence,	59,072	35	24	19	1	14	..	..
Springfield,	58,266	21	14	12	..	9	..	..
Holyoke,	44,510	23	18	13	2	12	..	..
Brockton,	38,759	..	..	..	..	..	..	..
Salem,	37,723	10	..	4	..	1	1	..
Malden,	36,421	8	0	3	1	..	..	1
Chelsea,	34,235	12	1	3	..	..	..	..
Haverhill,	32,651	9	1	..	1	..	..	..
Gloucester,	31,426	5	1	..	..	..	..	..
Fitchburg,	30,523	6	1	..	1	..	..	..
Newton,	30,461	6	3	..	1	..	..	..
Taunton,	28,527	6	1	..	..	..	..	..
Everett,	28,102	7	0	..	..	..	..	..
Quincy,	24,578	3	1	..	..	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	11	3	1	1	..	..	..
North Adams,	21,583	12	8	4	1	3	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	10	8	4	..	4	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	3	0	1	1	..	..	..
Marlborough,	15,914	7	3	1	..	1	..	..
Newburyport,	15,036	..	..	..	..	..	..	..
Woburn,	14,721	7	1	1	..	..	1	..
Melrose,	14,721	3	0	1	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	3	1	..	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,685,915	598	258	195	39	106	5	13

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and ninety-five deaths were reported from the principal infectious diseases: diarrhœal diseases, 106; diphtheria and croup, 13; typhoid fever, 5; scarlet fever, 3; whooping-cough, erysipelas and cerebro-spinal meningitis, 2 each.

No deaths were reported from small-pox, puerperal fever and malarial fever.

There were 61 deaths from consumption, acute lung diseases, 39, and stillbirths, 32.

From scarlet fever: Boston, 2; Lawrence, 1. From whooping-cough: Worcester and Springfield, 1 each. From erysipelas: Worcester, Springfield and Chelsea, 1 each. From cerebro-spinal meningitis: Boston and North Adams, 1 each. From measles: Boston, 1.

Deaths under five years of age numbered 258, as compared with 219 for the preceding week.

Deaths from the principal infectious diseases numbered 195, as compared with 176 for the preceding week.

The death rates for the week were: Boston, 19.85; Worcester, 14.41; Fall River, 32.00; Cambridge, 12.88; Lowell, 20.19; New Bedford, 15.47; Lynn, ——; Somerville, 8.87; Lawrence, 30.80; Springfield, 18.69; Holyoke, 26.68; Brockton, ——; Salem, 13.73; Malden, 11.44; Chelsea, 18.24; Haverhill, 13.77; Gloucester, 8.25; Fitchburg, 10.20; Newton, 10.20; Taunton, 10.80; Everett, 12.95; Quincy, 6.33; Pittsfield, ——; Waltham, 25.08; North Adams, 28.92; Chicopee, 28.30; Northampton, ——; Medford, 9.06; Marlborough, 22.82; Newburyport, ——; Woburn, ——; Melrose, 10.59.

The total death rate for the week was 18.17 as compared with 17.10 and 15.34 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JULY 14, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	70	Measles,	221
Diphtheria and croup,	155	Typhoid fever,	39
Small-pox,	12		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, July 14, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 8,	29.54	82	92	71	68	65		66	W.	S.W.	12	13			C.	O.			0.00
Monday, 9,	29.60	74	82	65	66	73		70	S.W.	W.	9	11			C.	F.			0.01
Tuesday, 10,	29.88	70	80	61	74	50		62	W.	W.	12	8			C.	C.			0.00
Wednes'y, 11,	30.06	75	87	63	63	71		67	S.W.	S.W.	6	12			C.	F.			0.00
Thursday, 12,	29.94	75	84	66	80	97		88	S.W.	S.W.	14	10			C.	R.			0.42
Friday, 13,	29.83	71	80	62	65	59		62	W.	W.	9	12			C.	C.			0.10
Saturday, 14,	29.87	72	81	64	57	40		48	N.W.	N.	14	11			C.	C.			0.00
Week, - -	29.65		84	64				66											0.53

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs hy the State Board of Health in the month of June.

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	408	67	475	Maple Syrup, . .	4	0	4
Butter, . . .	11	0	11	Canned Goods, .	..	..	..
Cheese, . . .	1	0	1	Honey, . . .	2	4	6
Lard, . . .	0	1	1	Tea, . . .	..	..	..
Olive Oil, . . .	1	0	1	Coffee, . . .	6	1	7
Vinegar, . . .	1	8	9	Cocoa, . . .	1	1	2
Spices, . . .	103	7	110	Confectionery, .	6	24	30
Cream of Tartar, .	24	1	25	Other articles of Food and Drinks,	4	3	7
Molasses, . . .	3	0	3	Drugs, . . .	27	29	56
Syrups, . . .	0	1	1				
Maple Sugar, . .	3	0	3				
				Totals, . .	605	147	752

Percentage of adulteration, 19.6. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is therefore mainly devoted to the inspection of such articles as it has found, hy several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to he helow the standard was 14.1 per cent., while the percentage of articles of food was 23.1 per cent.

Five complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs. These were for the violation of the statutes relative to the sale of milk.

A sample of cream was found to contain gelatine and boracic acid. The ratio of adulterated vinegar was unusually high during the month; of the eight samples adulterated four conformed to the standard of solids and acidity, but were entirely artificial and contained glucose.

The samples of confectionery classed as adulterated were brandy drops with syrup, having more than one per cent of alcohol, sold to children under 16 years of age.

The samples of drugs found to he adulterated were Glycerine, Precipitated Sulphur, Tincture of Iodine, Tannic Acid, Washed Sulphur and Water of Ammonia.

Cities and towns from which samples of food were collected were Boston, Worcester, Cambridge, Lawrence, Brockton, Chelsea, Haverhill, Gloucester, Newton, Quincy, Waltham, Newburyport, Adams, Andover, Canton, Concord, Dedham, Hyde Park, Milford, Revere, Stoughton, Watertown, Waverly, Wayland, Wellesley and Winthrop.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, July 21, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 29.

Entered at the post-office at Boston as second-class matter.

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It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending July 21, 1900.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infections Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Scarlet Fever.	Diphtheria and Croup.
Boston,	539,416	271	125	103	20	72	3	5
Worcester,	111,732	54	29	21	6	16	..	..
Fall River,	103,142	83	57	45	2	42	..	..
Cambridge,	92,520	29	15	16	..	14	..	..
Lowell,	90,114	66	42	36	4	33	..	..
New Bedford,	70,511	32	18	13	..	11	..	..
Lynn,	68,218	19	6	4	..	1	..	..
Somerville,	64,394	..	..	..	..	..	..	..
Lawrence,	59,072	43	27	23	1	19	..	..
Springfield,	58,266	43	20	21	..	14	..	1
Holyoke,	44,510	35	25	20	..	16	..	3
Brockton,	38,759	..	..	..	..	..	..	..
Salem,	37,723	16	8	5	1	3	1	..
Malden,	36,421	13	4	1	1	..	..	..
Chelsea,	34,235	21	11	1	..	..	..	1
Haverhill,	32,651	13	5	2	1	..	..	..
Gloucester,	31,426	6	4	2	..	..	..	..
Fitchburg,	30,523	7	3	3	..	2	..	..
Newton,	30,461	12	4	2	..	2	..	..
Taunton,	28,527	..	..	..	..	..	..	..
Everett,	28,102	8	5	4	..	3	..	..
Quincy,	24,578	11	4	4	..	3	..	1
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	4	1	1	1	..	..	..
North Adams,	21,583	4	2	2	..	2	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	20	11	7	..	6	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	4	1	1	..	1	..	..
Marlborough,	15,914	4	1	..	..	..	..	..
Newburyport,	15,036	9	4	6	1	3	..	..
Woburn,	14,721	2	0	..	..	..	..	..
Melrose,	14,721	3	1	1	..	1	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	2	0	..	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Scarlet Fever.	Diphtheria and Croup.
Total of reporting towns,	1,674,248	834	433	344	38	264	4	11

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Three hundred and forty-four deaths were reported from the principal infectious diseases: diarrhœal diseases, 264; diphtheria and croup, 11; scarlet fever, 4; cerebro-spinal meningitis, 4; typhoid fever, 3; whooping-cough, 3; erysipelas, 1; measles, 1.

No deaths were reported from small-pox, puerperal fever and malarial fever.

There were 53 deaths from consumption, acute lung diseases, 38, and stillbirths, 28.

From cerebro-spinal meningitis: Worcester, Lynn, Holyoke and Gloucester, 1 each. From typhoid fever: New Bedford, Springfield and Newburyport, 1 each. From whooping-cough: Boston, 2; Springfield, 1. From erysipelas: New Bedford, 1. From measles: Lawrence, 1.

Deaths under five years of age numbered 433, as compared with 258 for the preceding week.

Deaths from the principal infectious diseases numbered 344, as compared with 195 for the preceding week.

The death rates for the week were: Boston, 26.12; Worcester, 28.84; Fall River, 41.50; Cambridge, 16.24; Lowell, 38.08; New Bedford, 23.58; Lynn, 14.44; Somerville, ——; Lawrence, 37.84; Springfield, 38.27; Holyoke, 48.88; Brockton, ——; Salem, 21.92; Malden, 18.59; Chelsea, 31.92; Haverhill, 19.89; Gloucester, 9.90; Fitchburg, 11.92; Newton, 20.40; Taunton, ——; Everett, 14.80; Quincy, 23.21; Pittsfield, ——; Waltham, 9.12; North Adams, 9.64; Chicopee, ——; Northampton, ——; Medford, 12.08; Marlborough, 13.04; Newburyport, 6.90; Woburn, ——; Melrose, 9.78.

The total death rate for the week was 25.90 as compared with 18.17 and 17.10 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JULY 21, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	66	Measles,	109
Diphtheria and croup,	127	Typhoid fever,	20
Small-pox,	3		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, July 21, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 15,	29.92	73	82	64	55	68	62	W.	W.	7	4	O.	O.		0.00
Monday, 16,	29.92	84	95	73	64	60	62	N.W.	S.W.	7	12	O.	C.		0.00
Tuesday, 17,	29.90	86	95	78	55	68	60	S.W.	S.W.	10	15	F.	C.		0.00
Wednes'y, 18,	29.85	84	97	71	71	46	58	W.	W.	7	17	F.	C.		0.21
Thursday, 19,	29.98	76	87	65	57	38	48	W.	N.	9	8	C.	C.		0.00
Friday, 20,	30.07	68	72	63	72	72	72	N.E.	S.E.	8	9	C.	C.		0.00
Saturday, 21,	30.04	81	79	63	80	87	84	S.	S.W.	12	11	O.	R.		0.00
Week, - -	39.95		85	68			64								0.00

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

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CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending July 28, 1900.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Cerebro-spinal Meningitis.	Diphtheria and Croup.
Boston,	539,416	227	97	98	9	55	1	9
Worcester,	111,732	41	28	23	1	19	2	..
Fall River,	103,142	55	44	36	1	34	..	..
Cambridge,	92,520	41	23	25	1	20	..	..
Lowell,	90,114	43	25	13	4	13	..	..
New Bedford,	70,511	39	24	20	..	17	1	..
Lynn,	68,218	28	12	6	..	5	..	..
Somerville,	64,394	20	6	8	1	4	1	..
Lawrence,	59,072	33	25	12	1	12	..	..
Springfield,	58,266	22	14	11	1	10	..	..
Holyoke,	44,510	..	..	..	..	..	..	..
Brockton,	38,759	5	5	4	..	4	..	..
Salem,	37,723	16	9	9	..	6	..	1
Malden,	36,421	12	9	6	..	5	..	..
Chelsea,	34,235	8	4	1	..	..	..	..
Haverhill,	32,651	7	1	3	..	1	..	..
Gloucester,	31,426	8	3	1	..	..	..	1
Fitchburg,	30,523	12	5	3	1	3	..	..
Newton,	30,461	16	7	1	1	..	1	..
Taunton,	28,527	27	16	16	..	14	..	..
Everett,	28,102	8	3	4	..	2	1	..
Quincy,	24,578	4	3	3	..	3	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	6	2	3	..	1	..	..
North Adams,	21,583	6	3	1	..	1	..	..
Brookline,	19,412	3	1	1	..	..	..	..
Chicopee,	18,316	14	10	5	..	5	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	4	2	1	1	..	..	..
Marlborough,	15,914	3	0	1	..	..	..	..
Newburyport,	15,036	3	2	2	..	2	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	3	0	3	..	1	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	7	3	1	..	1	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Cerebro-spinal Meningitis.	Diphtheria and Croup.
Total of reporting towns,	1,768,109	721	386	321	22	238	7	11

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Three hundred and twenty-one deaths were reported from the principal infectious diseases: diarrhœal diseases, 237; diphtheria and croup, 11; cerebro-spinal meningitis, 7; typhoid fever, 4; scarlet fever, 2; measles, 2; whooping-cough, 1.

No deaths were reported from small-pox, puerperal fever, erysipelas and malarial fever.

There were 57 deaths from consumption, acute lung diseases, 22, and stillbirths, 40.

From typhoid fever: Boston, Cambridge, New Bedford and Salem, 1 each. From scarlet fever: Boston, 2; from measles: Boston, 2; from whooping-cough: Boston, 1.

Deaths under five years of age numbered 386, as compared with 433 for the preceding week.

Deaths from the principal infectious diseases numbered 321, as compared with 344 for the preceding week.

The death rates for the week were: Boston, 21.82; Worcester, 19.05; Fall River, 27.50; Cambridge, 22.96; Lowell, 23.65; New Bedford, 28.74; Lynn, 21.28; Somerville, 16.20; Lawrence, 29.04; Springfield, 19.58; Holyoke, ——; Brockton, 6.70; Salem, 27.68; Malden, 17.16; Chelsea, 12.60; Haverhill, 10.71; Gloucester, 13.20; Fitchburg, 20.40; Newton, 27.20; Taunton, ——; Everett, 14.80; Quincy, 8.44; Pittsfield, ——; Waltham, 7.68; North Adams, 14.46; Chicopee, 25.62; Northampton, ——; Medford, 12.08; Marlborough, 6.78; Newburyport, 10.35; Woburn, ——; Melrose, 10.59.

The total death rate for the week was 21.20 as compared with 25.90 and 18.17 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING JULY 28, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	48	Measles,	101
Diphtheria and croup,	97	Typhoid fever,	34
Small-pox,	5		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, July 28, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 22,	30.16	68	72	63	64	85	74	N.E.	E.	12	6		F.	C.		0.00
Monday, 23,	30.08	79	90	68	68	46	57	W.	S.W.	6	6		C.	O.		0.00
Tuesday, 24,	29.98	80	88	71	78	77	78	S.W.	S.W.	10	12		O.	C.		0.00
Wednes'y, 25,	29.79	78	86	71	73	93	83	S.W.	S.	13	5		C.	R.		0.60
Thursday, 26,	29.89	68	72	63	100	95	98	N.	E.	6	3		R.	O.		1.24
Friday, 27,	30.03	68	74	63	85	65	75	N.W.	S.	7	3		O.	C.		0.00
Saturday, 28,	30.11	70	81	60	56	60	58	N.W.	S.W.	6	8		C.	C.		0.00
Week, - -	30.00		81	65			75									1.84

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, Aug. 4, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No 31.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

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JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Aug. 4, 1900.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Cerebro-spinal Meningitis.	Diphtheria and Croup.
Boston,	539,416	240	114	88	10	46	2	7
Worcester,	111,732	49	32	24	2	20	1	..
Fall River,	103,142	43	26	24	3	21	..	..
Cambridge,	92,520	21	12	12	..	11	..	..
Lowell,	90,114	35	25	21	2	18	..	..
New Bedford,	70,511	33	23	17	3	15	..	..
Lynn,	68,218	21	9	6	..	3	2	..
Somerville,	64,394	18	9	7	..	5	1	..
Lawrence,	59,072	33	17	20	2	15	1	..
Springfield,	58,266	20	9	8	..	7	..	..
Holyoke,	44,510	..	..	..	..	..	..	..
Brockton,	38,759	5	5	4	..	4	..	..
Salem,	37,723	..	..	..	..	..	..	..
Malden,	36,421	23	13	14	..	9	..	..
Chelsea,	34,235	13	7	1	..	..	..	..
Haverhill,	32,651	15	3	3	..	..	..	..
Gloucester,	31,426	5	1	1	..	..	..	..
Fitchburg,	30,523	17	8	8	..	7	..	..
Newton,	30,461	9	4	2	..	..	1	..
Taunton,	28,527	18	9	9	..	8	..	..
Everett,	28,102	..	..	..	..	..	..	..
Quincy,	24,578	15	10	10	..	9	..	1
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	3	0	2	..	1	1	..
North Adams,	21,583	10	5	5	..	5	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	8	5	4	..	3	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	2	0	..	..	..	..	..
Marlborough,	15,914	4	3	2	..	1	..	..
Newburyport,	15,036	8	4	3	1	2	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	6	4	1	1	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	4	1	2	..	1	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Cerebro-spinal Meningitis.	Diphtheria and Croup.
Total of reporting towns,	1,661,872	678	348	298	24	211	9	8

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and niuety-eight deaths were reported from the principal infectious diseases: diarrhœal diseases, 211; cerebro-spinal meningitis, 9; diphtheria and croup, 8; typhoid fever, 6; scarlet fever, 5; whooping-cough, 3; erysipelas, 1.

No deaths were reported from small-pox, puerperal fever, measles and malarial fever.

There were 55 deaths from consumption, acute lung diseases, 24, and stillbirths, 31.

From typhoid fever: Boston, Fall River, Somerville, Malden, Newton and Chicopee, 1 each. From scarlet fever: Boston, 5. From whooping-cough: Boston, Worcester and Melrose, 1 each. From erysipelas: Boston, 1.

Deaths under five years of age numbered 348, as compared with 386 for the preceding week.

Deaths from the principal infectious diseases numbered 298, as compared with 321 for the preceding week.

The death rates for the week were: Boston, 23.13; Worcester, 24.03; Fall River, 21.50; Cambridge, 11.80; Lowell, 20.19; New Bedford, 24.32; Lynn, 15.96; Somerville, 14.40; Lawrence, 29.04; Springfield, 17.80; Holyoke, ——; Brockton, 6.75; Salem, ——; Malden, 32.89; Chelsea, 19.76; Haverhill, 22.95; Gloucester, 8.25; Fitchburg, 28.90; Newton, 15.30; Taunton, 32.40; Everett, ——; Quincy, 31.65; Pittsfield, ——; Waltham, 6.84; North Adams, 24.10; Chicopee, 22.64; Northampton, ——; Medford, 6.04; Marlborough, 13.04; Newburyport, 27.60; Woburn, ——; Melrose, 21.18.

The total death rate for the week was 21.21 as compared with 21.20 and 25.90 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING AUG. 4, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	36	Measles,	47
Diphtheria and croup,	111	Typhoid fever,	43
Small-pox,	6		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Aug. 4, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
July																	
Sunday, 29,	30.08	76	86	65	59	69	64	W.	S.	3	14		C.	C.			0.00
Monday, 30,	29.99	74	81	66	80	72	76	S.W.	S.W.	10	6		F.	C.			0.00
Tuesday, 31,	29.94	76	87	66	80	71	76	W.	S.W.	10	13		C.	C.			0.00
Aug.																	
Wednes'y, 1,	29.90	72	81	64	72	52	62	W.	N.	8	11		O.	C.			0.00
Thursday, 2,	30.00	67	77	57	58	60	59	N.W.	S.	5	14		C.	C.			0.00
Friday, 3,	30.05	66	76	56	63	52	58	W.	N.	8	16		C.	C.			0.00
Saturday, 4,	30.21	62	71	52	62	51	56	N.	S.	8	5		C.	C.			0.00
Week, - -	30.03		80	61			64										0.00

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Aug. 11, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No 32.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Aug. 11, 1900.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Cerebro-spinal Meningitis.	Diphtheria and Croup.
Boston,	539,416	233	102	84	7	45	2	9
Worcester,	111,732	66	40	33	3	22	2	..
Fall River,	103,142	45	21	16	1	15	..	..
Cambridge,	92,520	25	14	12	..	10	..	..
Lowell,	90,114	50	25	15	5	9	1	1
New Bedford,	70,511	36	23	24	2	22	..	..
Lynn,	68,218	..	..	..	..	..	..	..
Somerville,	64,394	36	21	16	..	13	1	..
Lawrence,	59,072	18	12	5	1	5	..	..
Springfield,	58,266	11	5	3	1	2	..	..
Holyoke,	44,510	20	13	13	..	9	..	1
Brockton,	38,759	12	5	6	2	4	..	..
Salem,	37,723	26	18	15	1	10	..	..
Malden,	36,421	16	11	11	..	10	..	1
Chelsea,	34,235	15	7	2	..	..	1	..
Haverhill,	32,651	12	6	5	..	2	1	..
Gloucester,	31,426	..	..	..	..	..	..	..
Fitchburg,	30,523	19	16	13	..	11	..	..
Newton,	30,461	7	1	2	..	..	..	..
Taunton,	28,527	22	14	12	1	12	..	..
Everett,	28,102	..	..	..	..	..	..	..
Quincy,	24,578	10	6	7	..	5	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	10	8	8	..	4	3	..
North Adams,	21,583	10	8	4	1	3	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	15	10	8	..	4	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	9	6	6	..	6	..	..
Marlborough,	15,914	8	7	6	..	6	..	..
Newburyport,	15,036	9	2	4	..	2	..	..
Woburn,	14,721	5	2	1	..	1	..	..
Melrose,	14,721	1	0	..	..	..	..	..
Hyde Park,	13,132	6	2	4	2	2	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	2	1	1	..	1	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Cerebro-spinal Meningitis.	Diphtheria and Croup.
Total of reporting towns,	1,693,314	754	406	336	27	235	11	12

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Three hundred and thirty-six deaths were reported from the principal infectious diseases: diarrhœal diseases, 235; diphtheria and croup, 12; cerebro-spinal meningitis, 11; whooping-cough, 10; typhoid fever, 7; scarlet fever, 3; measles, 2.

No deaths were reported from small-pox, puerperal fever and malarial fever.

There were 57 deaths from consumption, acute lung diseases, 27, and stillbirths, 42.

From whooping-cough: Salem, 3; Worcester, 2; Boston, Cambridge, Holyoke, Fitchburg, Quincy and Newburyport, 1 each. From typhoid fever: Boston, 2; Worcester, Lowell, Salem, Newton and Newburyport, 1 each. From scarlet fever: Boston, 3. From measles: Lowell and Quincy, 1 each.

Deaths under five years of age numbered 406, as compared with 345 for the preceding week.

Deaths from the principal infectious diseases numbered 336, as compared with 298 for the preceding week.

The death rates for the week were: Boston, 22.36; Worcester, 30.36; Fall River, 22.50; Cambridge, 14.12; Lowell, 28.50; New Bedford, 26.28; Lynn, ——; Somerville, 28.80; Lawrence, 15.84; Springfield, 9.79; Holyoke, 23.36; Brockton, 16.08; Salem, 35.82; Malden, 22.88; Chelsea, 22.80; Haverhill, 18.36; Gloucester, ——; Fitchburg, 28.35; Newton, 11.90; Taunton, 39.60; Everett, ——; Quincy, 21.11; Pittsfield, ——; Waltham, 22.80; North Adams, 24.10; Chicopee, 42.45; Northampton, ——; Medford, 27.18; Marlborough, 26.08; Newburyport, 30.05; Woburn, ——; Melrose, 3.53.

The total death rate for the week was 23.15 as compared with 21.21 and 21.20 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING AUG. 11, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	56	Measles,	48
Diphtheria and croup,	200	Typhoid fever,	50

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Aug. 11, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 5,	30.23	66	73	58	63	63	63	N.W.	S.	4	14		C.	F.			0.00
Monday, 6,	30.04	78	92	64	72	71	72	W.	S.	14	5		C.	C.			T
Tuesday, 7,	30.12	70	76	64	73	88	80	N.	N.E.	8	5		R.	O.			0.07
Wednes'y, 8,	30.08	68	73	63	95	88	92	E.	W.	4	8		O.	O.			0.31
Thursday, 9,	29.92	77	86	68	77	75	76	N.W.	S.	12	3		F.	C.			0.07
Friday, 10,	29.92	82	93	71	68	88	78	N.W.	S.W.	5	6		C.	F.			0.28
Saturday, 11,	29.77	86	95	77	69	72	70	W.	W.	13	10		C.	C.			0.00
Week, - -	30.01		84	66			76										0.00

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

— OF —

MASSACHUSETTS

FOR THE

Week ending Saturday, Aug. 18, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No 33.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Aug. 18, 1900.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	233	96	99	6	61	4	6
Worcester,	111,732	44	20	18	1	13	1	1
Fall River,	103,142	..	..	..	..	..	..	..
Cambridge,	92,520	28	14	17	..	10	..	..
Lowell,	90,114	37	14	15	1	9	..	1
New Bedford,	70,511	31	16	9	2	6	1	..
Lynn,	68,218	27	13	10	..	6	..	2
Somerville,	64,394	23	12	13	1	11	..	..
Lawrence,	59,072	22	10	9	1	6	..	..
Springfield,	58,266	29	13	14	..	12	..	..
Holyoke,	44,510	20	12	10	..	7	..	2
Brockton,	38,759	14	7	9	1	7	..	..
Salem,	37,723	14	5	5	1	3	..	..
Malden,	36,421	11	6	5	..	4	..	..
Chelsea,	34,235	10	3	2	..	..	1	..
Haverhill,	32,651	6	1	2	..	1	1	..
Gloucester,	31,426	11	0	..	..	..	..	..
Fitchburg,	30,523	18	9	7	..	6	..	..
Newton,	30,461	10	6	8	..	6	..	..
Taunton,	28,527	19	..	10	1	6	..	..
Everett,	28,102	13	10	6	..	4	..	..
Quincy,	24,578	9	3	5	1	3	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	8	1	1	..	..	1	..
North Adams,	21,583	7	4	3	..	2	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	5	4	2	..	2	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	4	1	3	..	2	..	1
Marlborough,	15,914	7	6	5	..	5	..	..
Newburyport,	15,036	11	4	5	..	4	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	6	1	2	..	..	1	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	5	2	..	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,690,065	682	293	294	16	196	10	13

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and ninety-four deaths were reported from the principal infectious diseases: diarrhœal diseases, 196; diphtheria and croup, 13; typhoid fever, 10; whooping-cough, 8; cerebro-spinal meningitis, 4; puerperal fever, 2; scarlet fever, 1.

No deaths were reported from small-pox, erysipelas and malarial fever.

There were 61 deaths from consumption, acute lung diseases, 16, and stillbirths, 32.

From whooping-cough: Boston and Lynn, 2 each; Cambridge, Lawrence, Springfield and Salem, 1 each. From cerebro-spinal meningitis: Boston, Worcester, Somerville and Everett, 1 each. From puerperal fever: Boston, 2. From scarlet fever: Worcester, 1.

Deaths under five years of age numbered 293, as compared with 406 for the preceding week.

Deaths from the principal infectious diseases numbered 294, as compared with 336 for the preceding week.

The death rates for the week were: Boston, 22.46; Worcester, 20.24; Fall River, ——; Cambridge, 15.68; Lowell, 15.96; New Bedford, 22.94; Lynn, 20.52; Somerville, 18.40; Lawrence, 19.36; Springfield, 25.81; Holyoke, 23.36; Brockton, 18.76; Salem, 19.18; Malden, 15.62; Chelsea, 15.20; Haverhill, 9.18; Gloucester, 18.15; Fitchburg, ——; Newton, 17.00; Taunton, ——; Everett, 24.05; Quincy, 18.99; Pittsfield, ——; Waltham, 18.24; North Adams, 16.87; Chicopee, 14.15; Northampton, ——; Medford, 12.08; Marlborough, 22.82; Newburyport, ——; Woburn, ——; Melrose, 21.18.

The total death rate for the week was 20.99 as compared with 23.15 and 21.21 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING AUG. 18, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	31	Measles,	44
Diphtheria and croup,	127	Typhoid fever,	40
Small-pox,	2		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Aug. 18, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 12,	29.94	71	82	60	81	92	86	N.E.	E.	12	2	O.	O.		T
Monday, 13,	30.02	64	66	61	95	79	87	E.	E.	6	15	O.	O.		T
Tuesday, 14,	30.04	60	63	56	91	92	92	N.	E.	9	5	O.	F.		0.35
Wednes'y, 15,	30.12	68	75	61	80	95	88	S.	S.E.	7	4	O.	F.		0.18
Thursday, 16,	29.96	68	74	62	97	94	96	S.	N.E.	9	8	R.	C.		1.04
Friday, 17,	29.98	73	84	62	83	84	84	W.	W.	4	7	O.	C		T
Saturday, 18,	30.01	72	81	62	67	68	68	N.	W.	5	6	C.	O		0.00
Week, - -	30.01	68	75	61	85	87	86			7	7				0.22

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Aug. 25, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No 34.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Aug. 25, 1900.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	226	87	88	16	47	4	2
Worcester,	111,732	58	24	25	2	16	..	2
Fall River,	103,142	33	17	15	1	12	1	..
Cambridge,	92,520	32	14	13	..	10	..	1
Lowell,	90,114	33	18	11	..	8	..	1
New Bedford,	70,511	32	17	11	2	10	..	..
Lynn,	68,218	..	..	..	..	..	..	..
Somerville,	64,394	15	7	4	1	2	..	..
Lawrence,	59,072	26	15	12	..	9	..	1
Springfield,	58,266	31	10	13	..	6	1	..
Holyoke,	44,510	17	9	8	1	6	..	..
Brockton,	38,759	9	4	4	..	1	..	..
Salem,	37,723	17	8	5	1	4	..	..
Malden,	36,421	9	6	3	1	3	..	..
Chelsea,	34,235	12	2	3	..	..	..	1
Haverhill,	32,651	8	5	4	..	2	..	..
Gloucester,	31,426	9	0	2	..	..	..	..
Fitchburg,	30,523	11	5	5	..	2	2	..
Newton,	30,461	12	5	5	..	2	2	1
Taunton,	28,527	15	10	10	1	7	2	..
Everett,	28,102	..	..	..	..	..	..	..
Quincy,	24,578	9	6	5	..	5	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	6	2	3	..	3	..	..
North Adams,	21,583	6	6	..	..	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	12	8	5	..	5	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	11	8	6	..	1	..	..
Marlborough,	15,914	8	5	5	..	5	..	..
Newburyport,	15,036	..	..	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	3	1	1	..	1	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	2	1	1	..	1	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,681,851	662	300	267	26	168	12	9

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and sixty-seven deaths were reported from the principal infectious diseases: diarrhœal diseases, 168; typhoid fever, 12; diphtheria and croup, 9; whooping-cough, 9; measles, 4: scarlet fever, 3.

No deaths were reported from small-pox, erysipelas, puerperal fever and malarial fever.

There were 57 deaths from consumption, acute lung diseases, 26, and stillbirths, 26.

From whooping-cough: Boston and Medford, 4 each; Worcester, 1. From measles: Boston, 3; Holyoke, 1. From scarlet fever: Worcester, 2; Boston, 1. From cerebro-spinal meningitis: Boston and Somerville, 2 each; Worcester, 1.

Deaths under five years of age numbered 300, as compared with 293 for the preceding week.

Deaths from the principal infectious diseases numbered 267, as compared with 294 for the preceding week.

The death rates for the week were: Boston, 21.78; Worcester, 26.68; Fall River, 16.50; Cambridge, 17.92; Lowell, 18.81; New Bedford, 23.68; Lynn, ——; Somerville, 12.00; Lawrence, 22.88; Springfield, 27.59; Holyoke, 19.86; Brockton, 12.06; Salem, 23.34; Malden, 12.87; Chelsea, ——; Haverhill, 12.24; Gloucester, 14.85; Fitchburg, 18.70; Newton, 20.40; Taunton, 27.00; Everett, ——; Quincy, 18.99; Pittsfield, ——; Waltham, 13.68; North Adams, 14.46; Chicopee, ——; Northampton, ——; Medford, ——; Marlborough, 26.08; Newburyport, ——; Woburn, ——; Melrose, 10.59.

The total death rate for the week was 20.47 as compared with 20.99 and 23.15 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING AUG. 25, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	58	Measles,	33
Diphtheria and croup,	181	Typhoid fever,	69

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Aug. 25, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 19,	30.02	67	74	60	87	66		76	N.	N.	9	5			C.	C.			0.02
Monday, 20,	30.02	60	66	55	79	72		76	N.	S.	8	3			C	C.			0.00
Tuesday, 21,	29.97	66	72	59	87	83		85	N.E.	S.	9	14			C.	C.			0.00
Wednes'y, 22,	29.91	68	78	59	85	74		80	N.W.	S.	7	5			C.	C.			0.00
Thursday, 23,	30.01	68	75	60	69	71		70	N.	S.	5	7			C.	C.			0.00
Friday, 24,	30.00	72	78	65	86	91		88	S.	S.W.	10	5			O.	F.			0.02
Saturday, 25,	29.97	81	90	72	85	91		88	W.	E.	9	7			C.	C.			0.00
Week, - -	29.90		76	61				80											0.04

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of July.

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk, . . .	381	71	452	Maple Syrup, . .	1	0	1
Butter, . . .	2	0	2	Canned Goods, .	..	..	..
Cheese, . . .	1	0	1	Honey, . . .	..	..	..
Lard, . . .	..	..	..	Tea, . .	..	..	..
Olive Oil, . . .	0	1	1	Coffee, . . .	2	1	3
Vinegar, . . .	2	5	7	Condensed Milk, .	8	0	8
Spices, . . .	99	8	107	Confectionery, .	1	7	8
Cream of Tartar, .	21	1	22	Other articles of Food and Drinks,	8	14	22
Molasses, . . .	3	0	3	Drugs, . . .	13	20	33
Syrups, . . .	..	..	..				
Maple Sugar, . .	..	..	..				
				Totals, . .	542	128	670

Percentage of adulteration, 19.1. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is therefore mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be below the standard was 15.7 per cent., while the percentages of articles of food was 20.0 per cent.

Five complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs.

These were for the violation of the statutes relative to the sale of milk. Fines were imposed amounting to $80.

Under "miscellaneous" are included 12 samples of fruit jams and jellies, purporting to be strawberry, raspberry, damson, &c., but composed largely of apple stock colored with aniline dyes; also seven samples of cream, of which two were adulterated with gelatine and boracic acid.

The adulterated samples of confectionery consisted of "brandy drops" with syrup containing more than 1 per cent. of alcohol by weight.

The samples of drugs found to be adulterated were Cayenne Pepper, Extract of Licorice, Glycerine, Tincture of Iodine, and Water of Ammonia.

Cities and towns from which samples of food were collected were Boston, Cambridge, Lawrence, Brockton, Salem, Chelsea, Haverhill, Gloucester, Fitchburg, Newton, Pittsfield, Adams, Brookline, Canton, Concord, Cottage City, Hull, Leominster, Natick, Needham, Reading and Wakefield.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 1, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No 35.

Entered at the post-office at Boston as second-class matter.

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It also contains the reports of cases of infectious diseases returned hy the hoards of health of citiee and towns.

Once in each month the work done under the Food and Drug Acts ie also reported in this bulletin.

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MORTALITY OF MASSACHUSETTS

For the Week ending Sept. 1, 1900.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	223	101	83	15	40	4	6
Worcester,	111,732	51	23	26	2	17	2	..
Fall River,	103,142	35	19	11	..	10	..	..
Cambridge,	92,520	24	8	12	3	6	..	..
Lowell,	90,114	41	16	5	2	..	..	1
New Bedford,	70,511	40	23	16	..	14	..	..
Lynn,	68,218	..	..	..	..	..	..	..
Somerville,	64,394	17	9	7	..	5	..	..
Lawrence,	59,072	24	15	11	..	7	..	1
Springfield,	58,266	24	7	7	..	3	1	..
Holyoke,	44,510	23	12	10	..	9	..	..
Brockton,	38,759	10	6	6	1	5	..	..
Salem,	37,723	9	4	3	..	1	..	..
Malden,	36,421	8	2	2	..	..	..	..
Chelsea,	34,235	13	5	2	..	..	..	1
Haverhill,	32,651	16	6	7	..	3	1	..
Gloucester,	31,426	5	4	..	..	..	..	..
Fitchburg,	30,523	7	4	3	..	2	1	..
Newton,	30,461	12	5	1	..	..	..	..
Taunton,	28,527	17	9	8	1	6	..	..
Everett,	28,102	7	4	1	..	..	..	..
Quincy,	24,578	9	1	1	..	1	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	5	2	1	..	1	..	..
North Adams,	21,583	7	6	4	..	4	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	16	11	7	..	7	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	7	2	3	1	2	..	..
Marlborough,	15,914	2	0	..	..	..	..	..
Newburyport,	15,036	8	2	2	..	1	1	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	3	0	..	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	5	2	1	..	1	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,724,989	668	308	240	25	145	10	9

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and forty deaths were reported from the principal infectious diseases: diarrhœal diseases, 145; typhoid fever, 10; whooping-cough, 10; diphtheria and croup, 9; cerebro-spinal meningitis, 5; measles, 4: scarlet fever, 3; puerperal fever, 2; erysipelas, 1.

There were 51 deaths from consumption, acute lung diseases, 25, and stillbirths, 28.

From whooping-cough: Boston 4; Springfield, 2; Cambridge, Salem, Malden and Haverhill, 1 each. From cerebro-spinal meningitis: Worcester, 2, Somerville, Springfield and Newton, 1 each. From measles: Boston, 2, New Bedford and Taunton, 1 each. From scarlet fever: Boston, 2, Worcester, 1. From puerperal fever, Cambridge and Everett, 1 each. From erysipelas, Boston, 1.

Deaths under five years of age numbered 308, as compared with 300 for the preceding week.

Deaths from the principal infectious diseases numbered 240, as compared with 267 for the preceding week.

The death rates for the week were: Boston, 21.49; Worcester, 23.46; Fall River, 17.50; Cambridge, 13.44; Lowell, 23.65; New Bedford, 29.48; Lynn, ——; Somerville, 13.60; Lawrence, 21.21; Springfield, ——; Holyoke, 36.64; Brockton, 13.40; Salem, 12.33; Malden, 11.44; Chelsea, 19.76; Haverhill, 24.48; Gloucester, 8.25; Fitchburg, 11.92; Taunton, 32.60; Everett, 12.95; Quincy, 18.99; Pittsfield, ——; Waltham, 11.40; North Adams, 16.87; Chicopee, ——; Northampton, ——; Medford, 21.14; Marlborough, 6.52; Newburyport, 27.60; Woburn, ——; Melrose, 10.59.

The total death rate for the week was 20.13 as compared with 20.47 and 20.99 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING SEPT. 1, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	75	Measles,	80
Diphtheria and croup,	280	Typhoid fever,	100

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Sept. 1, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 26,	29.97	85	97	73	75	72	74	W.	S.W.	5	10		C.	F.		0.00
Monday, 27,	29.95	79	87	71	66	55	60	N.	S.	8	6		F.	C.		0.00
Tuesday, 28,	29.95	72	76	68	70	88	79	N.E.	E.	9	5		F.	C.		0.12
Wednes'y, 29,	30.02	70	74	66	86	75	80	S.E.	S.	4	9		O.	C.		0.00
Thursday, 30,	30.05	77	88	66	88	47	68	W.	W.	7	5		O.	C.		0.00
Friday, 31,	30.19	71	75	67	58	88	73	N.E.	E.	5	6		C.	O.		0.00
Saturday, 1,	30.37	66	70	62	67	83	75	N.	E.	7	8		C.	C.		0.00
Week, - -	30.1						73									0.02

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 8, 1900.

An official publication of the State Board of Health of Massachusstts, publishsd weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 36.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhahitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned hy the hoards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this huiletin.

STATE BOARD OF HEALTH.

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CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Sept. 8, 1900.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	214	77	72	20	31	2	9
Worcester,	111,732	52	19	21	3	8	5	1
Fall River,	103,142	..	..	..	..	..	..	..
Cambridge,	92,520	19	12	6	2	5	..	..
Lowell,	90,114	41	19	11	2	6	..	..
New Bedford,	70,511	36	29	19	4	18	..	..
Lynn,	68,218	20	11	6	2	3	1	..
Somerville,	64,394	17	11	8	..	5	..	2
Lawrence,	59,072	28	18	12	2	10	..	2
Springfield,	58,266	31	13	14	2	11	..	..
Holyoke,	44,510	18	15	11	2	6	..	5
Brockton,	38,759	17	4	8	1	1	3	1
Salem,	37,723	18	8	3	..	2	..	..
Malden,	36,421	14	5	..	..	..	..	..
Chelsea,	34,235	15	7	..	..	..	..	..
Haverhill,	32,651	11	1	3	2	1	..	..
Gloucester,	31,426	3	2	..	..	..	..	..
Fitchburg,	30,523	13	5	7	2	4	1	..
Newton,	30,461	6	1	..	..	..	..	..
Taunton,	28,527	22	9	11	1	7	2	..
Everett,	28,102	10	5	5	..	..	..	..
Quincy,	24,578	7	3	3	..	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	5	2	2	..	1	..	..
North Adams,	21,583	2	1	..	..	..	..	..
Brookline,	19,412	3	0	1	..	..	..	1
Chicopee,	18,316	6	2	3	..	2	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	3	1	..	..	..	..	..
Marlborough,	15,914	5	3	4	..	4	..	..
Newburyport,	15,036	..	..	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	2	0	1	..	..	..	1
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	4	3	1	..	1	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,694,441	642	286	232	45	127	14	22

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and thirty-two deaths were reported from the principal infectious diseases: diarrhœal diseases, 127; diphtheria and croup, 22; typhoid fever, 14; cerebro-spinalm eningitis, 10; whooping-cough, 7; scarlet fever, 2.

There were 50 deaths from consumption, acute lung diseases, 45, and stillbirths, 29. No deaths were reported from small-pox, puerperal fever, erysipelas, and malarial fevers.

From cerebro-spinal meningitis: Everett, 3, Boston 2, Worcester, Somerville, Springfield, Haverhill and Quincy, one each. From whooping-cough: Boston, 4, Springfield, Taunton, Everett and Chicopee, one each. From scarlet fever: Boston and Worcester, one each.

Deaths under five years of age numbered 286, as compared with 308 for the preceding week.

Deaths from the principal infectious diseases numbered 232, as compared with 240 for the preceding week.

The death rates for the week were: Boston, 23.13; Worcester, 23.92; Fall River, ——; Cambridge, 10.64; Lowell, 23.37; New Bedford, 26.64; Lynn, 15.20; Somerville, 13.60; Lawrence, 24.64; Springfield, 27.59; Holyoke, 21.02; Brockton, 22.78; Salem, 24.66; Malden, 20.16; Chelsea, 22.80; Haverhill, 16.83; Gloucester, 4.95; Fitchburg, 22.13; Newton, 10.20; Taunton, 39.60; Everett, 18.50; Quincy, 14.77; Pittsfield, ——; Waltham, 11.40; North Adams, 4.82; Chicopee, 8.49; Northampton, ——; Medford, 9.06; Marlborough, 16.30; Newburyport, ——; Woburn, ——; Melrose, 7.06.

The total death rate for the week was 19.70 as compared with 20.13 and 20.47 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING SEPT. 8, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	69	Measles,	35
Diphtheria and croup,	189	Typhoid fever,	100

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Sept. 1, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 2,	30.28	75	86	64	81	79	80	S.W.	S.W.	9	10			C.	C.			0.00
Monday, 3,	30.13	80	91	69	80	78	79	W.	S.W.	12	15			C.	C.			0.00
Tuesday, 4,	30.15	80	89	70	74	54	64	W.	N.	8	8			F.	C.			0.00
Wednes'y, 5,	30.16	80	77	64	57	62	60	N.W.	S.	4	11			C.	C.			0.00
Thursday, 6,	29.88	70	91	70	73	67	70	S.W.	S.W.	18	12			O.	O.			0.13
Friday, 7,	30.10	80	75	62	67	74	70	N.	E.	6	10			O.	C.			0.00
Saturday, 8,	30.20	68	71	57	74	76	75	N.W.	S.W.	2	14			C.	O.			0.00
Week, - -	30.30		83	65			71											0.13

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 15, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 37.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Sept. 15, 1900.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	204	93	86	8	49	5	8
Worcester,	111,732	30	14	15	..	7	1	..
Fall River,	103,142	37	22	18	1	16	..	..
Cambridge,	92,520	26	12	13	..	6	1	3
Lowell,	90,114	34	20	10	..	5	1	..
New Bedford,	70,511	20	14	10	1	8	2	..
Lynn,	68,218	19	8	3	3	2	..	..
Somerville,	64,394	20	11	3	4	2	..	..
Lawrence,	59,072	22	10	7	1	2	..	2
Springfield,	58,266	15	9	9	..	7	..	..
Holyoke,	44,510	19	8	7	..	5	..	..
Brockton,	38,759	13	5	4	1	3	1	..
Salem,	37,723	10	8	3	..	3	..	..
Malden,	36,421	8	4	1	2	..	..	..
Chelsea,	34,235	18	7	6	..	..	..	2
Haverhill,	32,651	11	2	1	1	..	..	..
Gloucester,	31,426	3	2	1	..	..	..	..
Fitchburg,	30,523	12	6	6	..	6	..	..
Newton,	30,461	12	9	7	..	7	..	..
Taunton,	28,527	14	9	6	..	5	..	..
Everett,	28,102	7	3	1	..	..	..	..
Quincy,	24,578	8	2	2	1	1	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	6	0	1	1	1	..	..
North Adams,	21,583	3	0	1	..	1	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	4	4	..	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	..	..	..	..	..	..	..
Marlborough,	15,914	2	2	1	1	1	..	..
Newburyport,	15,036	3	2	1	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	7	2	2	..	2	..	..
Hyde Park,	13,132	6	4	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	5	2	3	..	2	1	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,789,149	589	294	228	25	141	12	15

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and twenty-eight deaths were reported from the principal infectious diseases: diarrhœal diseases, 141; diphtheria and croup, 15; typhoid fever, 12; whooping-cough, 6; cerebro-spinal meningitis, 6; scarlet fever, 4; erysipelas, 1.

No deaths were reported from small-pox, puerperal fever, measles and malarial fever. There were 43 deaths from consumption, acute lung diseases, 25, and stillbirths, 39.

From whooping-cough: Boston, 3, Worcester, Springfield and Gloucester, one each. From cerebro-spinal meningitis: Chelsea, 2, Boston, Worcester, Lowell and Marlborough, one each. From scarlet fever: Boston, 3, Lynn, 1. From erysipelas: Worcester, 1.

Deaths under five years of age numbered 294, as compared with 286 for the preceding week.

Deaths from the principal infectious diseases numbered 228, as compared with 232 for the preceding week.

The death rates for the week were: Boston, 19.66; Worcester, 13.95; Fall River, 16.50; Cambridge, 14.56; Lowell, 19.38; New Bedford, 14.74; Lynn, 14.44; Somerville, 16.20; Lawrence, 19.36; Springfield, 13.35; Holyoke, 22.19; Brockton, 17.42; Haverhill, 16.83; Salem, 13.73; Malden, 11.36; Chelsea, 27.36; Gloucester, 4.95; Fitchburg, 20.43; Newton, 20.40; Everett, 12.95; Taunton, 25.20; Quincy, 16.88; Pittsfield, ——; Waltham, 13.68; North Adams, 7.23; Chicopee, 11.32; Northampton, ——; Medford, 6.04; Marlborough, 9.78; Melrose, 24.71; Newburyport, ——; Woburn, ——.

The total death rate for the week was 17.12 as compared with 19.70 and 20.13 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING SEPT. 15, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	57	Measles,	13
Diphtheria and croup,	206	Typhoid fever,	105

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Sept. 8, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 9,	30.06	72	80	64	76	66	71	W.	S.	6	3		F.	F.		0.00
Monday, 10,	30.18	65	68	62	57	68	62	N.E.	S.	8	5		C.	O.		0.00
Tuesday, 11,	29.96	70	78	62	87	83	85	S.E.	N.W.	12	4		O.	O.		T
Wednes'y, 12,	29.53	76	89	64	72	56	64	S.W.	W.	18	13		C.	C.		0.00
Thursday, 13,	29.95	60	64	56	68	75	72	N.	S.E.	8	5		C.	C.		0.00
Friday, 14,	30.00	68	81	55	75	45	60	W.	W.	7	5		F.	C.		0.00
Saturday, 15,	30.16	58	62	54	72	77	74	N.E.	S.E.	9	9		C.	C.		0.00
Week, - -	29.96		75	59			69									0.00

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 22, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 38.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from each other towns as report to the Board.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Sept. 22, 1900.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	227	85	80	16	32	3	12
Worcester,	111,732	39	26	15	5	12	..	1
Fall River,	103,142	39	20	25	1	20	2	..
Cambridge,	92,520	34	16	10	2	4	..	..
Lowell,	90,114	32	21	8	4	6	..	..
New Bedford,	70,511	33	16	12	1	10	1	1
Lynn,	68,218	22	11	7	..	3	..	..
Somerville,	64,394	15	11	5	..	3	..	..
Lawrence,	59,072	20	9	5	..	4	..	..
Springfield,	58,266	20	9	4	..	3	..	..
Holyoke,	44,510	23	15	12	2	2	..	7
Brockton,	38,759	6	1	2	1	1	..	..
Salem,	37,723	11	7	5	..	4	1	..
Malden,	36,421	11	6	2	4	1	..	..
Chelsea,	34,235	11	4	..	..	..	..	..
Haverhill,	32,651	12	2	1	1	1	..	..
Gloucester,	31,426	10	5	1	..	..	..	..
Fitchburg,	30,523	9	4	2	..	1	..	..
Newton,	30,461	7	4	3	..	2	..	..
Taunton,	28,527	14	8	3	2	2	..	..
Everett,	28,102	7	3	..	..	..	..	..
Quincy,	24,578	5	0	1	..	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	8	2	1	1	..	..	..
North Adams,	21,583	5	2	1	..	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	2	2	..	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	5	1	..	..	..	..	..
Marlborough,	15,914	5	3	5	..	3	..	1
Newburyport,	15,036	1	0	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	..	..	..	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	7	4	4	1	4	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,778,486	640	297	214	41	118	7	22

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

Two hundred and fourteen deaths were reported from the principal infectious diseases: diarrhœal diseases, 118; diphtheria and croup, 22; typhoid fever, 7; scarlet fever, 4; measles, 3; cerebro-spinal meningitis, 1.

There were 60 deaths from consumption, acute lung diseases, 41, and stillbirths, 38. No deaths were reported from small-pox, erysipelas, puerperal fever, whooping-cough and malarial fever.

From scarlet fever: Boston, 3, Worcester, 1. From measles, Boston, 3. From cerebro-spinal meningitis: Worcester, 1.

Deaths under five years of age numbered 297, as compared with 294 for the preceding week.

Deaths from the principal infectious diseases numbered 214, as compared with 228 for the preceding week.

The death rates for the week were: Boston, 21.88; Worcester, 17.73; Fall River, 19.50; Cambridge, 13.44; Lowell, 18.24; New Bedford, 24.31; Lynn, 16.72; Somerville, 13.35; Lawrence, 17.60; Springfield, 17.80; Holyoke, 26.86; Brockton, 8.04; Haverhill, 18.36; Salem, 15.07; Malden, 15.69; Chelsea, 16.72; Gloucester, 16.50; Fitchburg, 15.33; Newton, 11.90; Everett, 12.95; Taunton,. 25.60; Quincy, 10.50; Pittsfield, ——; Waltham, 18.24; North Adams, 12.50; Chicopee, 5.66; Northampton, ——; Medford, 15.10; Marlborough, 16.30; Melrose, ——; Newburyport, 3.45; Woburn, ——.

The total death rate for the week was 18.77 as compared with 17.12 and 19.70 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING SEPT. 22, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	69	Measles,	8
Diphtheria and croup,	185	Typhoid fever,	129

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Sept. 15, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 16,	29.79	56	58	53	100	88		94	N.E.	E.	27	5			R.	O.			1.38
Monday, 17,	29.69	60	68	52	94	91		92	W.	W.	4	12			O.	R.			0.22
Tuesday, 18,	29.84	58	67	49	100	64		82	N.W.	N.W.	15	10			R.	C.			2.18
Wednes'y, 19,	30.35	50	56	44	64	66		65	N.	S.	10	9			C.	C.			0.00
Thursday, 20,	30.26	56	65	47	76	86		81	S.W.	S.	9	11			F.	O.			T
Friday, 21,	30.00	66	74	59	90	90		90	S.	S.W.	12	9			O.	F.			T
Saturday, 22,	29.93	63	70	56	84	74		79	N.W.	W.	9	8			C.	C.			0.46
Week, - -	29.96		65	51				73											4.24

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of August.

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	469	96	565	Maple Syrup,	..	..	..
Butter,	11	0	11	Canned Goods,	..	..	..
Cheese,	1	0	1	Honey,	2	0	2
Lard,	5	0	5	Tea,	2	0	2
Olive Oil,	1	0	1	Coffee,	9	0	9
Vinegar,	6	6	12	Cocoa,	3	0	3
Spices,	109	17	126	Condensed Milk,	4	0	4
Cream of Tartar,	33	2	35	Other articles of Food and Drinks,	5	22	27
Molasses,	10	7	17	Drugs,	35	40	75
Syrups,	..	..	..				
Maple Sugar,	..	..	..				
				Totals,	705	190	895

Percentage of adulteration, 21.2. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is therefore mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be below the standard was 17.0 per cent., as compared with 15.7 per cent. for the preceding month, while the percentage of articles of food was 21.2.

Five complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs.

All of these were for violation of the statutes relative to the sale of milk. Fines were imposed amounting to $140.

The samples of drugs found to be adulterated were Cloves, Distilled Water, Extract of Licorice, Glycerine, Grape Juice, Lemon Juice, Oil of Lemon, Olive Oil, Pepper, Precipitated Sulphur, Spirits of Nitrous Ether, Tannic Acid, Tincture of Iodine and Water of Ammonia.

Cities and towns from which samples of food were collected were Boston, Cambridge, Lowell, Somerville, Lawrence, Brockton, Salem, Chelsea, Haverhill, Gloucester, Newton, Quincy, Waltham, Bedford, Beverly, Concord, Cottage City, Dedham, Falmouth, Hull, Hyde Park, Lexington, Manchester, Nantucket, Provincetown, Revere, Weston and Winthrop.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Sept. 29, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 39.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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HIRAM F. MILLS, C.E., Lawrence.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Sept. 29, 1900.

Deaths reported to the State Board of Health in 30 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	ESTIMATED POPULATION.	Reported Deaths in Each.	Deaths under five years.	DEATHS FROM				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	190	73	59	13	26	2	10
Worcester,	111,732	42	16	11	2	6	1	2
Fall River,	103,142	51	22	13	3	10	..	..
Cambridge,	92,520	24	14	8	..	4	..	..
Lowell,	90,114	28	12	6	3	3	..	..
New Bedford,	70,511	27	20	2	1	..	1	..
Lynn,	68,218	15	7	5	..	2	1	2
Somerville,	64,394	25	10	14	2	3	1	3
Lawrence,	59,072	25	15	9	..	5	2	..
Springfield,	58,266	17	5	5	..	4	1	..
Holyoke,	44,510	14	8	5	1	3	..	1
Brockton,	38,759	12	3	3	..	..	..	..
Salem,	37,723	10	5	..	..	..	..	..
Malden,	36,421	10	4	5	..	2	..	1
Chelsea,	34,235	10	5	2	..	..	..	1
Haverhill,	32,651	12	3	4	1	..	2	..
Gloucester,	31,426	5	3	..	..	..	..	..
Fitchburg,	30,523	12	4	7	..	4	1	1
Newton,	30,461	14	3	4	2	2	..	..
Taunton,	28,527	10	6	6	1	4	..	..
Everett,	28,102	3	2	2	..	1	..	1
Quincy,	24,578	4	2	1	..	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	3	0	..	1	..	..	..
North Adams,	21,583	4	1	..	..	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	6	4	1	..	1	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	3	0	1	..	..	..	..
Marlborough,	15,914	7	4	..	..	..	..	..
Newburyport,	15,036	5	2	..	1	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	1	0	..	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	4	0	1	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	ESTIMATED POPULATION.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,793,207	593	253	174	31	80	12	22

DEATHS FROM PREVALENT DISEASES IN 30 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and seventy-four deaths were reported from the principal infectious diseases: diarrhœal diseases, 80; diphtheria and croup, 22; typhoid fever, 12; whooping-cough, 6; cerebro-spinal meningitis, 2; scarlet fever, 1; measles, 1.

No deaths were reported from small-pox, puerperal fever, erysipelas and malarial fever. There were 50 deaths from consumption, acute lung diseases, 31, and stillbirths, 33.

From whooping-cough: Boston, 2; Cambridge, New Bedford, Lawrence and Gloucester, 1 each. From cerebro-spinal meningitis: Worcester and Somerville, 1 each. From scarlet fever: Boston, 1. From measles: Boston, 1.

Deaths under five years of age numbered 253, as compared with 297 for the previous two weeks.

Deaths from the principal infectious diseases numbered 174, as compared with 214 for the preceding week.

The death rates for the week were: Boston, 18.31; Worcester, 19.32; Fall River, 25.50; Cambridge, 13.44; Lowell, 15.96; New Bedford, 19.71; Lynn, 11.40; Somerville, 20.25; Lawrence, 22.00; Springfield, 15.13; Holyoke, 16.24; Brockton, 16.08; Salem, 13.78; Malden, 14.30; Chelsea, 15.20; Haverhill, 18.36; Gloucester, 8.25; Fitchburg, 20.40; Newton, 23.80; Taunton, 18.00; Everett, 5.55; Quincy, 8.44; Pittsfield, ——; Waltham, 6.84; North Adams, 9.64; Chicopee, ——; Northampton, ——; Medford, 9.06; Marlborough, 22.82; Newburyport, 17.25; Woburn, ——; Melrose, 3.53.

The total death rate for the week was 17.19 as compared with 18.77 and 17.12 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING SEPT. 29, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	82	Measles,	12
Diphtheria and croup,	295	Typhoid fever,	157

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Sept. 29, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 23,	29.88	61	69	53	80	79		80	W.	N.W.	9	6			C.	F.			0.00
Monday, 24,	30.04	64	74	53	78	71		74	N.W.	N.W.	12	8			C.	C.			0.00
Tuesday, 25,	30.29	60	66	55	64	86		75	N.	E.	5	4			F.	C.			0.00
Wednes'y, 26,	30.21	58	64	53	82	89		86	N.W.	S.E.	2	8			C.	C.			0.00
Thursday, 27,	30.09	66	75	57	85	87		86	S.	S.W.	6	6			O.	C.			0.00
Friday, 28,	30.22	60	64	55	97	88		92	N.E.	N.E.	15	6			R.	C.			0.03
Saturday, 29,	30.13	56	61	50	82	97		90	N.	S.E.	5	4			O.	R.			0.00
Week, - -	30.12		68	54				83											0.03

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Oct. 6, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 40.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Oct. 6, 1900.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	191	80	67	19	30	7	11
Worcester,	111,732	32	16	20	2	5	3	2
Fall River,	103,142	45	22	19	3	16	..	..
Cambridge,	92,520	28	16	10	1	4	1	..
Lowell,	90,114	32	9	6	2	4	..	..
New Bedford,	70,511	22	12	12	1	9	2	..
Lynn,	68,218	..	..	..	..	..	..	..
Somerville,	64,394	23	8	11	..	3	..	3
Lawrence,	59,072	34	19	12	3	6	1	..
Springfield,	58,266	14	3	4	1	2	..	..
Holyoke,	44,510	..	..	..	..	..	..	..
Brockton,	38,759	4	1	1	..	..	..	..
Salem,	37,723	..	..	..	..	..	..	..
Malden,	36,421	16	8	7	1	2	1	1
Chelsea,	34,235	12	6	2	..	..	..	1
Haverhill,	32,651	19	1	1	1	..	..	..
Gloucester,	31,426	3	1	..	..	..	..	..
Fitchburg,	30,523	10	6	3	..	2	..	1
Newton,	30,461	5	1	1	..	..	..	..
Taunton,	28,527	11	4	3	..	1	..	1
Everett,	28,102	5	2	1	..	..	..	1
Quincy,	24,578	4	2	2	..	2	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	7	2	1	..	..	..	..
North Adams,	21,583	6	2	2	..	1	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	6	3	1	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	2	1	..	..	..	..	..
Marlborough,	15,914	4	1	2	..	1	..	..
Newburyport,	15,036	3	0	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	1	0	..	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	2	1	1	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,641,746	541	227	189	34	88	15	21

DEATHS FROM PREVALENT DISEASES IN 27 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and eighty-nine deaths were reported from the principal infectious diseases: diarrhœal diseases, 88; diphtheria and croup, 21; typhoid fever, 15; scarlet fever, 5; cerebro-spinal meningitis, 4.

No deaths were reported from small-pox, puerperal fever, whooping-cough, erysipelas and malarial fever. There were 56 deaths from consumption, acute lung diseases, 35, and stillbirths, 25.

From scarlet fever: Worcester, 2; Boston, New Bedford and Everett, 1 each. From cerebro-spinal meningitis: Worcester, 2; Somerville and Marlborough, 1 each.

Deaths under five years of age numbered 227, as compared with 253 for the preceeding week.

Deaths from the principal infectious diseases numbered 189, as compared with 174 for the preceding week.

The death rates for the week were: Boston, 18.41; Worcester, 14.88; Fall River, 22.50; Cambridge, 15.68; Lowell, 18.24; New Bedford, 16.28; Lynn, ——; Somerville, 18.63; Lawrence, 29.92; Springfield, 12.46; Holyoke, ——; Brockton, 5.36; Haverhill, 29.07; Salem, ——; Malden, 22.88; Chelsea, 18.24; Gloucester, 4.95; Fitchburg, 17.03; Newton, 8.50; Everett, 9.25; Taunton, 19.80; Quincy, 8.44; Pittsfield, ——; Waltham, 15.96; North Adams, 14.46; Chicopee, 16.88; Northampton, ——; Medford, 6.04; Marlborough, 13.04; Melrose, 3.53; Newburyport, 10.35; Woburn, ——.

The total death rate for the week was 17.08 as compared with 17.19 and 18.77 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING OCT. 6, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	81	Measles,	21
Diphtheria and croup,	324	Typhoid fever,	146

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Oct. 6, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sept. Sunday, 30,	30.13	62	66	59	95	97	96	W.	E.	3	5		R.	O.			0.22
Oct. Monday, 1,	30.38	66	56	61	97	97	97	N.E.	N.E.	5	5		C.	O.			0.00
Tuesday, 2,	30.50	64	54	59	89	92	90	N.E.	N.E.	8	10		F.	C.			0.00
Wednes'y, 3,	30.41	60	55	58	97	96	96	N.	E.	7	4		C.	O.			T
Thursday, 4,	30.22	74	55	64	97	90	94	S.W.	S.W.	3	9		G.	C.			T
Friday, 5,	30.04	82	61	72	90	78	84	S.W.	S.W.	8	6		F.	C.			0.01
Saturday, 6,	30.24	58	61	54	97	97	97	N.W.	N.E.	10	9		O.	R.			T
Week, - -	30.28		59	61			93										0.22

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

The following circular was published by the Board during the past month and distributed throughout the State: —

ARSENIC IN MANUFACTURES.

The Massachusetts Legislature of 1900 enacted a law relating to the manufacture and sale of articles containing arsenic, and directed the State Board of Health to make the necessary investigations relative to the existence of arsenic in the materials mentioned in the Act, and to adopt such measures as may be deemed necessary to carry out its provisions and to facilitate its enforcement.

The Act is as follows: —

CHAPTER 325, ACTS OF 1900.

AN ACT RELATIVE TO THE MANUFACTURE AND SALE OF TEXTILE FABRICS AND PAPERS CONTAINING ARSENIC.

SECTION 1. Any corporation, person, firm or agent who directly or by an agent manufactures, sells, exchanges, or has in his custody or possession with intent to sell or exchange, any woven fabric or paper containing arsenic in any form, or any article of dress or of household use composed wholly or in part of such woven fabric or paper, shall on conviction thereof be punished by fine of not less than fifty nor more than two hundred dollars; *provided, however*, that this section shall not apply to dress goods or articles of dress containing not more than one one-hundredth grain, or to other materials or articles containing not more than one-tenth grain of arsenic per square yard of the material.

SECTION 2. The State Board of Health shall make all necessary investigations as to the existence of arsenic in the materials and articles mentioned in section one of this act, may employ inspectors and chemists for that purpose, and shall adopt such measures as it may deem necessary to carry out the provisions and to facilitate the enforcement of this act.

SECTION 3. This act shall take effect on the first day of January in the year nineteen hundred and one.

[Approved May 18, 1900.]

Inasmuch as it will become the duty of the State Board of Health, after January 1, 1901, to enforce the provisions of the foregoing act, this circular is published and distributed by the Board for the information and guidance of such corporations, persons, firms or agents as are mentioned in the Act.

BY ORDER OF THE STATE BOARD OF HEALTH.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Oct. 13, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 41.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Oct. 13, 1900.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	199	68	63	10	21	5	16
Worcester,	111,732	23	9	8	1	2	1	2
Fall River,	103,142	32	15	10	3	5	1	1
Cambridge,	92,520	24	17	17	2	8	..	2
Lowell,	90,114	28	11	8	2	3	..	..
New Bedford,	70,511	34	14	11	4	8	2	..
Lynn,	68,218	20	8	5	..	1	..	1
Somerville,	64,394	15	7	8	..	5	1	1
Lawrence,	59,072	31	16	15	4	9	..	3
Springfield,	58,266	..	..	..	..	..	..	..
Holyoke,	44,510	25	11	12	2	3	3	5
Brockton,	38,759	4	1	..	..	..	..	..
Salem,	37,723	13	6	2	..	..	1	..
Malden,	36,421	7	4	2	..	1	..	..
Chelsea,	34,235	6	2	1	1	..	..	..
Haverhill,	32,651	6	2	1	1	..	..	..
Gloucester,	31,426	4	1	..	..	..	..	..
Fitchburg,	30,523	3	2	..	..	..	..	..
Newton,	30,461	7	3	1	..	..	1	..
Taunton,	28,527	..	..	..	..	..	..	..
Everett,	28,102	6	4	..	..	..	..	..
Quincy,	24,578	7	2	3	..	..	1	1
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	7	1	4	..	..	..	3
North Adams,	21,583	2	1	..	..	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	5	3	..	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	3	2	1	2	1	..	..
Marlborough,	15,914	3	2	..	..	..	..	..
Newburyport,	15,036	3	0	1	1	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	5	3	..	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	1	1	1	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,759,074	523	216	174	33	67	16	35

DEATHS FROM PREVALENT DISEASES IN 28 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and seventy-four deaths were reported from the principal infectious diseases: diarrhœal diseases, 67; diphtheria and croup, 35; typhoid fever, 16; cerebro-spinal meningitis, 5; scarlet fever, 3; whooping-cough, 2.

No deaths were reported from small-pox, measles, puerperal fever, erysipelas and malarial fever.

There were 45 deaths from consumption, acute lung diseases, 33, and stillbirths, 35.

From cerebro-spinal meningitis: Lynn, 2; Worcester, Somerville and Gloucester, 1 each. From scarlet fever: Worcester, New Bedford, and Haverhill, 1 each. From whooping-cough: Boston and Lynn, 1 each.

Deaths under five years of age numbered 216, as compared with 227 for the previous two weeks.

Deaths from the principal infectious diseases numbered 174, as compared with 189 for the previous two weeks.

The death rates for the week were: Boston, 19.18; Worcester, 10.58; Fall River, 16.00; Cambridge, 13.44; Lowell, 15.96; New Bedford, 25.05; Lynn, 15.20; Somerville, 12.15; Lawrence, 27.28; Springfield, ——; Holyoke, 29.20; Brockton, 5.36; Salem, 17.81; Malden, 10.01; Chelsea, 9.12; Haverhill, 9.18; Gloucester, 6.60; Fitchburg, 5.10; Newton, 11.90; Taunton, ——; Everett, 11.10; Quincy, 14.77; Pittsfield, ——; Waltham, 13.96; North Adams, 4.82; Chicopee, 14.15; Northampton, ——; Medford, 9.06; Marlborough, 9.78; Newburyport, 10.35; Woburn, ——; Melrose, 17.65.

The total death rate for the week was 15.46 as compared with 17.08 and 17.19 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING OCT. 13, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	79	Measles,	17
Diphtheria and croup,	189	Typhoid fever,	149

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Oct. 13, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 7,	30.25	58	63	54	98	95		96	N.	S.E.	7	4			R.	O.			0.03
Monday, 8,	30.07	70	79	60	90	90		90	S.	N.W.	7	10			O.	O.			0.07
Tuesday, 9,	30.18	54	60	47	97	93		95	N.	N.E.	10	15			R.	R.			1.40
Wednes'y, 10,	30.00	47	50	44	96	93		94	N.	N.	12	10			R.	O.			0.79
Thursday, 11,	29.77	52	58	45	75	50		62	N.W.	N.W.	25	24			O.	F.			0.14
Friday, 12,	29.96	64	76	52	66	62		64	N.W.	W.	9	6			C.	O.			0.00
Saturday, 13,	30.15	60	64	56	69	91		80	N.	N.E.	7	8			O.	O.			0.00
Week, - -																			

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of September.

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	437	89	526	Maple Syrup,	3	0	3
Butter,	2	0	2	Condensed Milk,	15	0	15
Cheese,	1	0	1	Honey,	3	2	5
Lard,	1	0	1	Tea,	3	0	3
Olive Oil,	..	..	..	Coffee,	7	0	7
Vinegar,	8	12	20	Cocoa,	1	2	3
Spices,	145	15	160	Confectionery,	2	0	2
Cream of Tartar,	37	0	37	Other articles of Food and Drinks,	15	19	34
Molasses,	18	4	22	Drugs,	38	38	76
Syrups,	..	..	..				
Maple Sugar,	..	..	..				
				Totals,	736	181	917

Percentage of adulteration, 19.7. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is therefore mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be below the standard was 16.9 per cent., as compared with 17.0 per cent. for the preceding month, while the percentage of articles of food was 17.1.

Thirteen complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs.

Nine of these were for violation of the statutes relative to the sale of milk. Fines were imposed amounting to $278.

The samples of drugs found to be adulterated were Citrate of Iron and Quinine, Distilled Water, Extract of Ginger, Extract of Liquorice, Glycerine, Lemon Juice, Oil of Lemon, Olive Oil, Precipitated Sulphur, Red Wine, Tannic Acid, Tincture of Iodine, Tincture of Opium and Whiskey.

Cities and towns from which samples of food were collected were Boston, Worcester, Fall River, Cambridge, New Bedford, Somerville, Lawrence, Salem, Malden, Chelsea, Haverhill, Gloucester, Newton, Taunton, Everett, Quincy, Waltham, Marlborough, Attleborough, Cottage City, Dedham, Edgartown, Framingham, Hudson, Hyde Park, Nantucket, Revere, Rockport, Stoughton, Ware, Watertown and Wayland.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Oct. 20, 1900.

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VOL. XVIII. No. 42.

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MORTALITY OF MASSACHUSETTS

For the Week ending Oct. 20, 1900.

Deaths reported to the State Board of Health in 26 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	200	67	53	11	12	2	12
Worcester,	111,732	42	15	15	2	6	2	1
Fall River,	103,142	..	..	..	..	..	..	..
Cambridge,	92,520	25	4	6	1	..	2	2
Lowell,	90,114	33	15	9	4	2	1	..
New Bedford,	70,511	17	8	7	2	4	..	..
Lynn,	68,218	..	..	..	..	..	..	..
Somerville,	64,394	17	4	5	..	2	1	1
Lawrence,	59,072	18	11	5	..	3	..	..
Springfield,	58,266	24	3	9	..	2	2	..
Holyoke,	44,510	10	3	5	..	..	..	..
Brockton,	38,759	5	0	2	..	..	1	..
Salem,	37,723	10	4	1	1	..	..	..
Malden,	36,421	7	4	1	..	..	..	1
Chelsea,	34,235	9	3	..	..	..	..	..
Haverhill,	32,651	8	3	..	..	..	..	..
Gloucester,	31,426	11	4	3	..	..	..	..
Fitchburg,	30,523	9	6	2	..	2	..	..
Newton,	30,461	6	1	2	..	..	..	2
Taunton,	28,527	..	..	..	..	..	..	..
Everett,	28,102	9	5	3	..	1	..	1
Quincy,	24,578	..	..	..	..	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	8	1	..	1	..	..	..
North Adams,	21,583	6	2	2	..	..	2	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	6	2	2	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	4	0	..	1	..	..	..
Marlborough,	15,914	4	1	1	1	1	..	..
Newburyport,	15,036	3	1	..	1	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	4	1	..	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	7	5	5	..	2	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,568,742	502	173	138	25	37	13	20

DEATHS FROM PREVALENT DISEASES IN 26 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and thirty-eight deaths were reported from the principal infectious diseases: diarrhœal diseases, 37; diphtheria and croup, 20; typhoid fever, 13; whooping-cough, cerebro-spinal meningitis and scarlet fever, 3 each; measles and puerperal fever, 1 each.

No deaths were reported from small-pox, erysipelas and malarial fever.

There were 57 deaths from consumption, acute lung diseases, 25, and stillbirths, 27.

From whooping-cough: Clinton, 2; Boston, 1. From cerebro-spinal meningitis: Worcester, Gloucester and Everett, 1 each. From scarlet fever: Worcester, 2; Holyoke, 1. From measles: Boston, 1. From puerperal fever: Boston, 1.

Deaths under five years of age numbered 173, as compared with 216 for the preceding week.

Deaths from the principal infectious diseases numbered 138, as compared with 174 for the preceding week.

The death rates for the week were: Boston, 19.28; Worcester, 19.32; Fall River, ——; Cambridge, 14.00; Lowell, 18.81; New Bedford, 12.41; Lynn, ——; Somerville, 13.77; Lawrence, 15.84; Springfield, 21.36; Holyoke, 11.68; Brockton, 6.70; Haverhill, 12.24; Salem, 13.73; Malden, 10.01; Chelsea, 13 68; Gloucester, 18.15; Fitchburg, 10.21; Newton, 10.20; Everett, 16.65; Taunton, ——; Quincy, ——; Pittsfield, ——; Waltham, 18.24; North Adams, 14.46; Chicopee, 16.98; Northampton, ——; Medford, 12.08; Marlborough, 14.04; Melrose, 14.12; Newburyport, 10.35; Woburn, ——.

The total death rate for the week was 16.64 as compared with 15.46 and 17.08 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING OCT. 20, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	105	Measles,	26
Diphtheria and croup,	286	Typhoid fever,	114

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.				DIRECTION OF WIND.		VELOCITY OF WIND.				STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Oct. 20, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.		MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.			8 A. M.	8 P. M.		HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 14,	29.96	60	65	56	88	78		83	N.W.	S.	8	12			O.	C.			0.00
Monday, 15,	29.76	59	76	42	75	83		79	W.	N.W.	10	20			C.	O.			0.04
Tuesday, 16,	30.13	44	52	35	63	58		60	N.W.	S.W.	20	10			C.	O.			0.00
Wednes'y, 17,	29.88	50	61	39	63	68		66	S.W.	W.	14	11			C.	C.			0.00
Thursday, 18,	30.15	42	50	35	61	51		59	N.W.	N.W.	15	8			C.	F.			0.00
Friday, 19,	30.32	42	53	32	58	64		62	S.	S.	10	7			C.	C.			0.00
Saturday, 20,	30.16	57	68	46	76	69		72	S.W.	S.W.	12	12			C.	C.			0.00
Week, - -	30.05		61	41				66											0.04

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

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VOL. XVIII. No. 43.

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It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Oct. 27, 1900.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	214	64	62	12	14	4	11
Worcester,	111,732	42	10	9	2	..	..	2
Fall River,	103,142	34	18	13	..	9	..	..
Cambridge,	92,520	25	9	10	..	..	..	4
Lowell,	90,114	37	13	9	5	2	2	1
New Bedford,	70,511	21	11	12	..	5	..	1
Lynn,	68,218	9	3	1	..	..	..	..
Somerville,	64,394	15	2	6	..	..	..	1
Lawrence,	59,072	25	9	8	..	1	..	1
Springfield,	58,266	9	3	4	..	1	..	2
Holyoke,	44,510	16	8	7	2	..	..	5
Brockton,	38,759	7	2	2	..	..	..	..
Salem,	37,723	13	6	4	..	..	..	4
Malden,	36,421	9	2	2	..	1	..	..
Chelsea,	34,235	10	4	2	..	..	2	..
Haverhill,	32,651	12	4	1	1	..	..	..
Gloucester,	31,426	6	1	2	..	..	..	2
Fitchburg,	30,523	6	2	3	..	1	1	..
Newton,	30,461	8	3	1	..	..	..	1
Taunton,	28,527	0	0	..	..	..	..	..
Everett,	28,102	4	1	2	..	..	..	2
Quincy,	24,578	..	..	..	..	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	7	0	3	2	..	..	1
North Adams,	21,583	5	1	..	..	..	..	..
Brookline,	19,412	..	..	..	..	..	..	1
Chicopee,	18,316	6	3	2	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	2	1	..	..	..	..	..
Marlborough,	15,914	4	1	..	..	..	..	..
Newburyport,	15,036	4	0	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	6	3	1	..	..	1	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	3	1	2	..	2	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,768,629	559	185	168	24	36	10	39

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and sixty-eight deaths were reported from the principal infectious diseases: diarrhœal diseases, 36; diphtheria and croup, 39; typhoid fever, 15; scarlet fever, 6; whooping-cough, 4; cerebro-spiual meningitis, 3.

No deaths were reported from small-pox, erysipelas, puerperal fever, measles and malarial fever.

There were 65 deaths from consumption, acute lung diseases, 24, and stillhirths, 35.

From scarlet fever: Boston, 3; Worcester, New Bedford and Lawrence, 1 each. From whooping-cough: Boston, 3; New Bedford, 1. From cerebro-spinal meningitis: Worcester, Cambridge and Somerville, 1 each.

Deaths under five years of age numbered 185, as compared with 173 for the preceding week.

Deaths from the principal infectious diseases numhered 168, as compared with 138 for the preceding week.

The death rates for the week were: Boston, 20.62; Worcester, 19.32; Fall River, 17.00; Cambridge, 14.50; Lowell, 21.09; New Bedford, 15.33; Lynn, 6.84; Somerville, 12.00; Lawrence, 22.00; Springfield, 8.01; Holyoke, 18.68; Brockton, 9.38; Salem, 17.91; Malden, 12.87; Chelsea, 15 20; Haverhill, 17.36; Gloucester, 9.90; Fitchhurg, 10.21; Newton, 13.60; Taunton, ——; Everett, 7.40; Quincy, ——; Pittsfield, ——; Waltham, 15.96; North Adams, 12.05; Chicopee, 16.98; Northampton, ——; Medford, 6.04; Marlhorough, ——; Newhuryport, 13.80; Wohurn, ——; Melrose, 22.18.

The total death rate for the week was 16.72 as compared with 16.64 and 15.46 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING OCT. 27, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever, ...	142	Measles, ...	26
Diphtheria and croup, ...	283	Typhoid fever, ...	84

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*		RAIN-FALL	
Week ending Saturday, Oct. 27, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.		8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
Sunday, 21,	30.16	57	68	46	76	69	72	S.W.	S.W.	12	12		C.	C.		0.00
Monday, 22,	30.19	66	77	54	71	66	68	W.	S.W.	12	11		C.	C.		0.00
Tuesday, 23,	30.30	70	80	60	87	76	82	S.W.	S.	6	9		F.	C.		0.00
Wednes'y, 24,	30.25	70	80	60	92	68	80	S.W.	N.W.	9	8		F.	C.		0.06
Thursday, 25,	30.54	55	60	50	80	87	84	N.E.	E.	15	6		C.	O.		0.00
Friday, 26,	30.39	52	58	47	93	89	91	N.W.	S.	6	8		G.	O.		0.00
Saturday, 27,	30.20	57	60	54	92	100	96	W.	N.E.	4	9		G.	R.		T
Week, - -	30.27		69	52			82									ON .06

* O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

—OF—

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 3, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 44.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned hy the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
GERARD C. TOBEY, Esq., Wareham.
FRANK W. DRAPER, M.D., Boston.
HIRAM F. MILLS, C.E., Lawrence.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.
JULIAN A. MEAD, M.D., Watertown.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Nov. 3, 1900.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under five years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	186	49	46	29	7	5	8
Worcester,	111,732	30	12	4	2	1	..	1
Fall River,	103,142	29	12	16	2	13	1	..
Cambridge,	92,520	17	5	5	2	..	3	1
Lowell,	90,114	25	9	7	1	1	..	3
New Bedford,	70,511	24	12	8	1	4	..	..
Lynn,	68,218	19	4	4	..	..	2	..
Somerville,	64,394	9	4	3	..	1	..	1
Lawrence,	59,072	13	6	4	..	2	..	..
Springfield,	58,266	21	8	3	5	1	..	1
Holyoke,	44,510	..	..	..	..	..	..	..
Brockton,	38,759	4	2	1	..	..	..	..
Salem,	37,723	5	1	3	..	..	1	..
Malden,	36,421	10	1	1	..	..	..	..
Chelsea,	34,235	10	2	1	..	..	..	1
Haverhill,	32,651	7	0	1	..	..	..	..
Gloucester,	31,426	4	0	..	..	..	..	..
Fitchburg,	30,523	6	2	1	..	..	..	1
Newton,	30,461	10	5	3	2	..	..	2
Taunton,	28,527	4	0	1	..	..	..	..
Everett,	28,102	4	1	1	1	..	..	1
Quincy,	24,578	9	2	4	..	..	1	1
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	8	2	1	..	..	..	1
North Adams,	21,583	6	3	2	..	1	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	1	0	..	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	9	6	3	2	..	..	1
Marlborough,	15,914	3	1	1	..	..	..	1
Newburyport,	15,036	6	0	1	1	..	1	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	3	0	..	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	4	1	1	..	1	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,739,659	486	150	126	48	32	14	24

DEATHS FROM PREVALENT DISEASES IN 29 CITIES AND LARGER TOWNS OF MASSACHUSETTS.

One hundred and twenty-six deaths were reported from the principal infectious diseases: diarrhœal diseases, 32; diphtheria and croup, 24; typhoid fever, 14; cerebro-spinal meningitis, 4; whooping-cough, 2; scarlet fever, 2.

No deaths were reported from small-pox, erysipelas, puerperal fever, measles and malarial fever.

There were 48 deaths from consumption, acute lung diseases, 48, and stillbirths, 41.

From cerebro-spinal meningitis: Boston, 2; Worcester and Lowell, 1 each. From whooping-cough: Boston and Medford, 1 each. From scarlet fever: Boston and Somerville, 1 each.

Deaths under five years of age numbered 150, as compared with 185 for the preceding week.

Deaths from the principal infectious diseases numbered 126, as compared with 168 for the preceding week.

The death rates for the week were: Boston, 17.93; Worcester, 13.80; Fall River, 14.50; Cambridge, 9.52; Lowell, 14.25; New Bedford, 17.76; Lynn, 14.44; Somerville, 7.29; Lawrence, 11.44; Springfield, 18.69; Holyoke, ——; Brockton, 5.36; Haverhill, 10.71; Salem, 6.89; Malden, 14 30; Chelsea, 15 20; Gloucester, 6.60; Fitchburg, 10.21; Newton, 17.00; Everett, 7.40; Taunton, 7.20; Quincy, 18.99; Pittsfield, ——; Waltham, 18.24; North Adams, 14.46; Chicopee, 2.83; Northampton, ——; Medford, 27.18; Marlborough, 9.78; Melrose, 10.59; Newburyport, 20.70; Woburn, ——.

The total death rate for the week was 14.52 as compared with 16.72 and 16.64 for the previous two weeks.

CASES OF INFECTIOUS DISEASES REPORTED TO THE STATE BOARD OF HEALTH DURING THE WEEK ENDING NOV. 3, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	123	Measles,	24
Diphtheria and croup,	430	Typhoid fever,	103
Small-pox,	5.		

(SIGNED) S. W. ABBOTT, M.D., *Secretary of the State Board of Health.*

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Nov. 3, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A. M.	8 P. M.	MEAN.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	8 A. M.	8 P. M.	HOURS DURATION.	AMOUNT IN INCHES.
October.															
Sunday, 28,	30.21	52	53	51	97	97	97	N E.	N.E.	14	10	R.	O.		0.43
Monday, 29,	30.06	52	55	49	100	91	96	N.	S.W.	8	3	G.	O.		T
Tuesday, 30,	30.19	51	55	47	90	86	88	N.W.	N.E.	4	20	O.	O.		T
Wednes'y, 31,	30.53	46	48	44	75	79	77	N.E.	S.	16	8	O.	O.		0.00
November.															
Thursday, 1,	30.32	55	66	44	79	87	83	S.	S.	6	10	O.	O.		T
Friday, 2,	30.20	62	73	52	85	83	84	S.W.	W.	9	8	O.	C.		T
Saturday, 3,	30.25	50	53	46	76	87	82	N.	N.E.	8	14	O.	O.		0.00
Week, - -	30.29		57	47			87								0.43

*O., Cloudy; C., Clear; F., Fair; G., Fog; H., Hazy; S., Smoky; R., Rain; T., Threatening; N., Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

OF

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 10, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 45.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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JULIAN A. MEAD, M.D., Watertown.
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FRANK W. DRAPER, M.D., Boston.
GERARD C. TOBEY, Esq., Wareham.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Nov. 10, 1900.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under Five Years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	208	79	60	27	14	5	12
Worcester,	111,732	40	16	7	3	2	..	2
Fall River,	103,142	32	12	9	4	3	..	..
Cambridge,	92,520	30	7	13	..	2	..	2
Lowell,	90,114	22	9	2	3	..	..	..
New Bedford,	70,511	28	9	5	5	..	1	..
Lynn,	68,218	25	3	8	2	..	1	..
Somerville,	64,394	10	1	3	1	..	..	..
Lawrence,	59,072	17	11	2	3	1	..	..
Springfield,	58,266	16	7	3	2	..	..	1
Holyoke,	44,510	14	10	6	..	..	..	4
Brockton,	38,759	6	0	1	..	..	..	..
Salem,	37,723	10	5	2	2	1	..	..
Malden,	36,421	6	2	2	..	..	1	..
Chelsea,	34,235	11	2	1	..	..	..	..
Haverhill,	32,651	6	0	2	1	..	..	..
Gloucester,	31,426	..	..	..	..	..	..	..
Fitchburg,	30,523	2	0	1	..	..	..	..
Newton,	30,461	4	2	1	..	..	..	..
Taunton,	28,527	12	3	1	..	1	..	..
Everett,	28,102	6	3	3	1	..	..	2
Quincy,	24,578	6	2	1	..	1	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	4	1	2	..	..	..	..
North Adams,	21,583	12	2	4	2	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	0	0	..	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	1	1	..	..	..	..	..
Marlborough,	15,914	..	..	..	..	..	..	..
Newburyport,	15,036	5	0	..	1	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	..	..	..	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	3	2	2	..	1	..	1
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under Five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,731,146	536	189	135	57	26	8	25

Deaths from Prevalent Diseases in 27 Cities and Larger Towns of Massachusetts.

One hundred and thirty-five deaths were reported from the principal infectious diseases: diarrhœal diseases, 26; diphtheria and croup, 25; scarlet fever, 10; typhoid fever, 8; cerebro-spinal meningitis, 3; measles, 3; whooping-cough, puerperal fever and malarial fever each one.

No deaths were reported from small-pox and erysipelas.

There were 64 deaths from consumption, acute lung diseases, 64, and stillbirths, 31.

From scarlet fever: Boston, 5; Worcester, Somerville, Lawrence, Holyoke and North Adams, 1 each. From cerebro-spinal meningitis: New Bedford, 2; Boston, 1. From measles: Boston, Worcester and Holyoke, 1 each. From whooping-cough: Boston, 1. From puerperal fever: Boston, 1. From malarial fever: Boston, 1.

Deaths under five years of age numbered 189, as compared with 150 for the preceding week.

Deaths from the principal infectious diseases numbered 135, as compared with 126 for the preceding week.

The death rates for the week were Boston, 20.05; Worcester, 18.60; Fall River, 16.00; Cambridge, 16.86; Lowell, 12.54; New Bedford, 20.63; Lynn, 19.50; Somerville, 8.07; Lawrence, 14.96; Springfield, 14.24; Holyoke, ——; Brockton, 8.04; Haverhill, 9.18; Salem, 13.73; Malden, 8.58; Chelsea, 16.72; Gloucester, ——; Fitchburg, 3.40; Newton, 6.80; Everett, 11.10; Taunton, 21.60; Quincy, 12.66; Pittsfield, ——; Waltham, 9.12; North Adams, 28.92; Chicopee, ——; Northampton, ——; Medford, 3.02; Marlborough, ——; Melrose, ——; Newburyport, 17.25; Woburn, ——.

The total death rate for the week was 16.10 as compared with 14.52 and 16.72 for the previous two weeks.

Cases of Infectious Diseases reported to the State Board of Health during the Week ending Nov. 10, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	152	Measles,	39
Diphtheria and croup,	352	Typhoid fever,	87
Small-pox,	1		

(SIGNED) **S. W. ABBOTT, M.D.,**
Secretary of the State Board of Health.

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Nov. 10, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A.M.	8 P.M.	MEAN.	8 A.M.	8 P.M.	8 A.M.	8 P.M.	8 A.M.	8 P.M.	DURATION.	AMOUNT IN INCHES.
Sunday, 4,	30.03	47	52	42	92	79	86	N.	S. E.	6	5	C.	F.		0.00
Monday, 5,	29.77	50	56	44	85	68	76	N. E.	W.	3	12	F.	O.		0.00
Tuesday, 6,	30.01	49	56	42	66	60	63	W.	W.	12	8	C.	C.		0.00
Wednesday, 7,	30.07	51	60	42	61	84	72	S.	S. E.	7	12	C.	C.		0.00
Thursday, 8,	29.73	58	65	51	88	88	88	S.	N. E.	15	4	F.	O.		T
Friday, 9,	29.20	45	55	35	97	75	86	E.	W.	24	33	F.	F.		0.47
Saturday, 10,	29.86	41	46	36	83	79	81	S. W.	W.	16	14	C.	C.		0.00
Week,	29.81		56	41			79								

* O. = Cloudy; C. = Clear; F. = Fair; G. = Fog; H. = Hazy; S. = Smoky; R. = Rain; T. = Threatening; N. = Snow.

SANITARY NOTES.

The Thirty-first Annual Report of the Board for 1899 is completed and in the hands of the printer, and will be issued about November 25. Since the regular report is issued only once a year, very much of the information which it contains is not made public until long after it has been presented to, or acted upon, by the Board; it is therefore desirable that some other method of publication may be employed, whereby important matters may be made public as soon as the need of such publicity becomes apparent. It has therefore been decided to employ the sheet usually termed the Weekly Bulletin of Mortality for this purpose.

The following is a brief summary of the Thirty-first Annual Report, to be issued in this month:—

General Report, embracing information relative to the prevalence of infectious diseases in 1899, with special reference to small-pox, vaccination and typhoid fever. A summary statement of the Hospitals for Infectious Diseases in Massachusetts. An investigation relative to the prevalence of lead poisoning in certain cities and towns. The increase of cancer. The Board's exhibit at the Paris Exposition.

The special topics treated at length are the regular work relative to water supply and sewerage, including the examinations made of the different water supplies and rivers during the year, the experiments at Lawrence, and the advice given to cities and towns upon sewage and the filtration of water.

The work of Food and Drug Inspection is reported upon in full and contains a comparative summary of the work done in the early years with that done since 1890.

Reports also follow upon the production and distribution of antitoxin, and the examination of pathological products of disease. The statistical summaries of Disease and Mortality. A Digest of the Reports upon Health of Towns and the Inspection of Summer Resorts.

The Death Rate of the 5 years, 1895-99.—The publication of the figures of the census of the State during the last week of October makes it possible to state the death rate, not only of 1899, but also of each of the preceding years which have elapsed since the taking of the State Census in 1895, with a degree of accuracy which has hitherto been impossible.

The following table presents these figures for the five years, 1895–1899, together with those of previous census years:—

THE DEATH RATES OF MASSACHUSETTS, 1865–99.

Years.	Population.	Deaths.	Death Rates.
1865,	1,267,131	26,152	20.64
1870,	1,457,351	27,329	18.75
1875,	1,651,912	34,978	21.17
1880,	1,783,085	35,292	19.79
1885,	1,942,141	38,094	19.61
1890,	2,238,943	43,528	19.44
1895,	2,500,183	47,540	19.01
1896,	2,558,437	49,381	19.30
1897,	2,618,050	47,419	18.11
1898,	2,679,048	46,761	17.46
1899,	2,741,470	47,710	17.40

The foregoing figures show a steadily diminishing death rate during the past four years. The death rate of 1899 was only 17.4 per 1,000 of the living population, a lower rate than that of any period of the last half century except 1859 and 1867, which were respectively 17.33 and 17., or but little lower than that of 1899.

The reasons for this low death rate may be found in the diminished mortality from the principal infectious diseases, especially consumption, typhoid fever, cholera infantum, dysentery, scarlet fever and other infectious diseases.

The Production and Distribution of Antitoxin.—In the fall of 1894 the Board began the work of providing a supply of antitoxin for general use throughout the State in the treatment of diphtheria, believing that the use of this agent would be followed by a reduction in the fatality of this disease.

The distribution of antitoxin was begun early in the following year and has consequently been continued for a period of about five and one-half years. The continuance of this work is sufficiently justified by the fact that for the four years previous to its introduction the fatality of diphtheria in Massachusetts (so far as can be ascertained from the observations made throughout the State) was fully 28 per cent. of the reported cases, while that of the five years which have elapsed since the distribution of antitoxin was undertaken was but little more than half as great, or 14.9 per cent.

The increasing confidence shown by the medical profession in the use of this agent is manifest in the rapidly increasing demand for the antitoxin which is furnished by the Board. The amount distributed during the past year has been about 40,000 bottles or packages of 1,500 units in each. With this fact in view, it is plain that the greatest economy should be used in the employment of this product, consistent with the safety of the patients, and for this reason certain rules should be observed by boards of health and others who use it.

A careful record should be kept by local boards of health and druggists, having deposits of antitoxin, of the names of physicians to whom it is supplied, the date of issue and the quantity issued.

No one should be permitted to keep antitoxin on hand except designated depositories, since the practice of keeping it for use of physicians requires an unnecessary production.

All unbroken packages not used should be returned by physicians to the depository from which they were obtained.

A record of each case should be mailed by the attending physician to the State Board of Health, either directly or through the depository from which the antitoxin was obtained. For this purpose the Board furnishes the necessary blanks and envelopes.

The Board also furnishes culture tubes to boards of health in cities and towns which have no established bacteriological laboratories for use in cases of suspected diphtheria.

Receptacles are also provided for use in cases of suspected tuberculosis. These tubes and receptacles are furnished to boards of health, by whom they are issued to physicians as they may be needed for use. *Under no circumstances must these tubes and receptacles be sent to the State Board by mail*, but always by express or messenger, and at the expense of the sender.

Means are also furnished for the transmission of blood films from suspected malarial patients and the Board is also perfecting means for the sending of specimens of blood for the Widal test in typhoid fever.

Advice to Cities, Towns and Other Authorities.—At the last monthly meeting of the Board, Nov. 1, 1900, letters of advice relating to water supply and sewerage were authorized to be sent to the following parties:—

To E. S. Sprague and others, relative to Sprague's Pond in Hull.

To the trustees of the Cottage Hospitals in Baldwinville.

To the trustees of the Medfield Asylum for the Insane.

To parties at Beverly Farms, relative to the use of the water of Gravelly Pond.

To the Metropolitan Park Commission, relative to the pollution of the Charles River at Auburndale.

To the Board of Health of Mansfield, with reference to the improvement of Rumford River.

To H. P. Barstow of Taunton, relative to the use of water and ice from Dean Pond.

To the Sewer Commissioners of Fairhaven.

To the Board of Health of Acton, and

To the president of Wellesley College, relative to the sewage disposal of the college.

Applications for the advice of the Board, under the provisions of chapter 375 of the Acts of 1898, were also received from the following parties, and were referred to the committee on Water Supply and Sewerage:—

From the authorities of Northampton, Cohasset, Waltham, Wrentham, Mittineaque and the Sewer Commissioners of Wakefield.

Arsenic and Other Poisons.—During the past month the Board has published a brief circular containing the Act of 1900 relative to the presence of arsenic in wall paper and other fabrics, and has distributed about 7,500 copies throughout the State to wholesale and retail dealers in such goods as are mentioned in the act.

A considerable amount of work has already been done in the investigation of such articles as are to be found on sale at the present time, and this work will be continued for a few weeks, until more definite information is gained by the Board as to the existing conditions of the market with reference to this subject. The law takes effect after Jan. 1, 1901.

While engaged in making these investigations instances have been brought to the attention of the Board of serious injury from other sources, and especially from the use of chromic acid in the dyeing of black stockings. In several instances the wearing of stockings, in the dyeing of which chromic acid has been employed, was attended with a serious eruption upon the skin, which disappeared when they were no longer used.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

OF

MASSACHUSETTS

FOR THE

Week ending Saturday, Nov. 17, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 46.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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JULIAN A. MEAD, M.D., Watertown.
HIRAM F. MILLS, C.E., Lawrence.
FRANK W. DRAPER, M.D., Boston.
GERARD C. TOBEY, Esq., Wareham.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Nov. 17, 1900.

Deaths reported to the State Board of Health in 29 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under Five Years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	190	60	54	22	5	2	16
Worcester,	111,732	33	13	6	4	..	1	2
Fall River,	103,142	34	9	7	3	3	2	..
Cambridge,	92,529	21	7	7	2	..	..	3
Lowell,	90,114	36	16	6	6	..	..	..
New Bedford,	70,511	20	6	2	4	..	..	..
Lynn,	68,218	..	..	..	..	..	..	..
Somerville,	64,394	16	4	7	1	1	1	..
Lawrence,	59,072	15	4	3	1	2	..	..
Springfield,	58,266	..	..	..	..	..	..	..
Holyoke,	44,510	12	3	4	2	..	..	1
Brockton,	38,759	7	1	5	..	..	1	..
Salem,	37,723	19	6	3	3	..	..	3
Malden,	36,421	3	1	3	..	..	..	2
Chelsea,	34,235	11	3	1	..	..	..	1
Haverhill,	32,651	14	1	2	2	..	..	1
Gloucester,	31,426	2	2	1	..	..	..	1
Fitchburg,	30,523	8	2	..	1	..	..	..
Newton,	30,461	12	3	..	..	..	..	..
Taunton,	28,527	7	1	1	..	..	..	..
Everett,	28,102	6	0	3	1	..	..	1
Quincy,	24,578	14	1	11	..	..	2	9
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	8	4	2	1	1	..	..
North Adams,	21,583	2	1	..	..	..	..	..
Brookline,	19,412	4	0	..	..	..	..	..
Chicopee,	18,316	8	2	3	1	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	5	1	1	2	..	..	..
Marlborough,	15,914	5	2	..	..	..	..	..
Newburyport,	15,036	8	0	3	1	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	3	1	1	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	3	1	1	..	1	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under Five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns, ..	1,686,135	526	152	137	54	13	9	40

Deaths from Prevalent Diseases in 29 Cities and Larger Towns of Massachusetts.

One hundred and thirty-six deaths were reported from the principal infectious diseases: diphtheria and croup, 40; diarrhœal diseases, 13; typhoid fever, 9; scarlet fever, 6; cerebro-spinal meningitis, 2; whooping-cough, 1; measles, 1.

No deaths were reported from small-pox, erysipelas, puerperal fever and malarial fever.

There were 64 deaths from consumption, acute lung diseases, 57, and stillbirths, 27.

From scarlet fever: Boston, 4; Cambridge and Somerville, 1 each. From cerebro-spinal meningitis: Worcester and Brockton, 1 each. From whooping-cough: Newburyport, 1. From measles: Boston, 1.

Deaths under five years of age numbered 155, as compared with 189 for the preceding week.

Deaths from the principal infectious diseases numbered 136, as compared with 135 for the preceding week.

The death rates for the week were Boston, 18.31; Worcester, 15.18; Fall River, 17.00; Cambridge, 11.80; Lowell, 20.52; New Bedford, 14.74; Lynn, ——; Somerville, ——; Lawrence, 13.20; Springfield, ——; Holyoke, 13.92; Brockton, 9.38; Haverhill, 21.42; Salem, 26.03; Malden, 4.29; Chelsea, 16.72; Gloucester, 3.30; Fitchburg, ——; Newton, 20.40; Everett, 11.10; Taunton, 12.60; Quincy, 29.54; Pittsfield, ——; Waltham, 18.24; North Adams, 4.82; Chicopee, 22.64; Northampton, ——; Medford, 15.10; Marlborough, 16.30; Melrose, 10.59; Newburyport, 27.60; Woburn, ——.

The total death rate for the week was 16.22 as compared with 16.10 and 16.72 for the previous two weeks.

Cases of Infectious Diseases reported to the State Board of Health during the Week ending Nov. 17, 1900.

(Under the Provisions of Chapter 802 of the Acts of 1898.)

Scarlet fever,	184	Measles,	32
Diphtheria and croup,	390	Typhoid fever,	95
Small-pox,	3		

(SIGNED) **S. W. ABBOTT, M.D.,**
Secretary of the State Board of Health.

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Nov. 17, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A.M.	9 P.M.	MEAN.	8 A.M.	8 P.M.	8 A.M.	8 P.M.	8 A.M.	9 P.M.		DURATION.	AMOUNT IN INCHES.
Sunday, 11,	30.16	42	49	34	70	74	72	S. W.	S. W.	9	7	O.	O.			T
Monday, 12,	29.81	46	51	41	92	64	78	W.	W.	6	12	O.	C.			T
Tuesday, 13,	29.67	44	52	37	64	72	68	S. W.	S.	12	13	C.	F.			0.00
Wednesday, 14,	29.89	42	51	34	68	65	66	W.	W.	22	6	C.	C.			0.00
Thursday, 15,	30.10	33	38	28	58	86	72	S. W.	W.	12	10	F.	C.			T
Friday, 16,	30.50	30	35	24	62	89	76	N. W.	N. W.	20	8	C.	C.			0.00
Saturday, 17,	30.55	31	41	21	74	63	68	W.	S.	10	9	C.	O.			0.00
Week,	30.09		45	31			71									T

* O. = Cloudy; C. = Clear; F. = Fair; G. = Fog; H. = Hazy; S. = Smoky; R. = Rain; T. = Threatening; N. = Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of October.

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	265	256	521	Maple Syrup,	1	0	1
Butter,	2	1	3	Canned Goods,	1	0	1
Cheese,	3	0	3	Honey,	4	1	5
Lard,	1	0	1	Tea,	4	0	4
Olive Oil,	..	..	..	Coffee,	9	0	9
Vinegar,	5	10	15	Cocoa,	1	3	4
Spices,	86	9	95	Confectionery,	..	..	..
Cream of Tartar,	24	0	24	Other articles of Food and Drinks,	6	3	9
Molasses,	20	6	26	Drugs,	26	37	63
Syrups,	..	..	..				
Maple Sugar,	..	..	..				
				Totals,	460	326	786

Percentage of adulteration, 41.4. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is therefore maiuly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be below the standard was 49.1 per cent., as compared with 16.9 per cent. for the preceding month, while the percentage of articles of food was 16.3.

Five complaiuts were entered in the courts during the mouth for violation of the laws relative to the inspection of Food and Drugs.

Four of these were for violation of the statutes relative to the sale of milk. Fiues were imposed amounting to $64.

The samples of drugs fonud to be adulterated were Distilled Water, Glyceriue, Oil of Lemon, Precipitated Sulphur, Tincture of Iodine, Water of Ammonia.

Cities from which samples of food were collected were Boston, Cambridge, Somerville, Brockton, Haverhill, Newton, Fitchburg, Waltham, Quincy aud Chelsea.

Weekly Bulletin

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FOR THE

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It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

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MORTALITY OF MASSACHUSETTS

For the Week ending Nov. 24, 1900.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under Five Years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	539,416	200	41	46	18	4	3	12
Worcester,	111,732	33	9	6	8	1	1	..
Fall River,	103,142	..	..	..	..	..	..	..
Cambridge,	92,529	30	3	13	4	..	..	3
Lowell,	90,114	33	7	6	4	..	1	..
New Bedford,	70,511	31	12	2	2	..	1	1
Lynn,	68,218	14	5	5	..	..	..	1
Somerville,	64,394	8	0	3	..	..	..	..
Lawrence,	59,072	26	14	10	1	2	..	3
Springfield,	58,266	11	0	2	1	..	1	1
Holyoke,	44,510	18	9	7	3	1	..	4
Brockton,	38,759	13	2	6	..	..	2	1
Salem,	37,723	9	4	..	..	..	..	..
Malden,	36,421	7	2	2	..	..	..	..
Chelsea,	34,235	7	2	3	..	..	..	..
Haverhill,	32,651	9	3	1	..	1	..	..
Gloucester,	31,426	5	2	..	..	..	..	..
Fitchburg,	30,523	13	4	6	..	1	2	2
Newton,	30,461	5	2	2	1	..	..	2
Taunton,	28,527	6	0	2	..	..	..	..
Everett,	28,102	9	5	4	..	..	1	3
Quincy,	24,578	6	1	2	1	..	..	..
Pittsfield,	23,421	..	..	..	..	..	..	..
Waltham,	22,791	6	1	2	..	..	..	2
North Adams,	21,583	4	2	1	..	..	..	..
Brookline,	19,412	..	..	..	..	..	..	..
Chicopee,	18,316	7	2	..	..	..	..	..
Northampton,	18,150	..	..	..	..	..	..	..
Medford,	17,190	1	0	..	..	..	..	..
Marlborough,	15,914	..	..	..	..	..	..	..
Newburyport,	15,036	..	..	..	..	..	..	..
Woburn,	14,721	..	..	..	..	..	..	..
Melrose,	14,721	2	0	..	..	..	..	..
Hyde Park,	13,132	..	..	..	..	..	..	..
Beverly,	12,594	..	..	..	..	..	..	..
Clinton,	12,355	5	1	..	..	..	..	..
Weymouth,	11,613	..	..	..	..	..	..	..
Westfield,	11,349	..	..	..	..	..	..	..
Peabody,	10,786	..	..	..	..	..	..	..
Leominster,	10,764	..	..	..	..	..	..	..
Amesbury,	10,136	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under Five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns, ..	1,659,115	518	133	113	43	10	12	35

Deaths from Prevalent Diseases in 27 Cities and Larger Towns of Massachusetts.

One hundred and thirty-one deaths were reported from the principal infectious diseases: diphtheria and croup, 35; typhoid fever, 12; diarrhœal diseases, 10; scarlet fever, 7; whooping-cough, 3; cerebro-spinal meningitis, 2; erysipelas, 2.

There were 60 deaths from consumption, acute lung diseases, 43, and stillbirths, 27.

No deaths were reported from small-pox, puerperal fever, measles and malarial fever.

From scarlet fever: Boston, 3; Worcester, Cambridge, Lynn and North Adams, 1 each. From whooping-cough: Boston, Lynn and Chelsea, 1 each. From cerebro-spinal meningitis: Worcester and Lynn, 1 each. From erysipelas; Somerville, and Lawrence, 1 each.

Deaths under five years of age numbered 133, as compared with 155 for the preceding week.

Deaths from the principal infectious diseases numbered 113, as compared with 136 for the preceding week.

The death rates for the week were Boston, 19.28; Worcester, 15.18; Fall River, ——; Cambridge, 16.80; Lowell,, 18.81; New Bedford, 22.94; Lynn, 10.64; Somerville, 6.48; Lawrence, 22.88; Springfield, 9.79; Holyoke, 21.02; Brockton, 17.42; Haverhill, 13.77; Salem, 12.33; Malden, 10.01; Chelsea, 10.64; Gloucester, 8.25; Fitchburg, 22.13; Newton, 8.50; Everett, 16.65; Taunton, 10.80; Quincy, 12.66; Pittsfield, ——; Waltham, 13.68; North Adams, 9.64; Chicopee, 19.81; Northampton, ——; Medford, 3.02; Marlborough, ——; Melrose, 7.06; Newburyport, ——; Woburn, ——.

The total death rate for the week was 16.23 as compared with 16.22 and 16.10 for the previous two weeks.

Cases of Infectious Diseases reported to the State Board of Health during the Week ending Nov. 24, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	182	Measles,	56
Diphtheria and croup,	450	Typhoid fever,	100
Small-pox,	1		

(SIGNED) S. W. ABBOTT, M.D.,
Secretary of the State Board of Health.

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.			STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Nov. 24, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A.M.	9 P.M.	MEAN.	8 A.M.	8 P.M.	8 A.M.	8 P.M.		8 A.M.	9 P.M.		DURATION.	AMOUNT IN INCHES.
Sunday, 18,	30.14	48	60	37	67	64	66	S. W.	S. W.	16	17		O.	O.			0.01
Monday, 19,	30.27	48	57	39	97	100	98	N. E.	N. E.	12	12		R.	R.			0.06
Tuesday, 20,	30.09	50	63	37	92	91	92	N. W.	S.	4	7		O.	O.			0.10
Wednesday, 21,	29.64	56	68	45	97	89	93	S.	S. W.	12	24		O.	C.			0.11
Thursday, 22,	29.98	49	55	43	82	75	78	W.	S. W.	20	6		O.	F.			0.00
Friday, 23,	29.96	50	62	39	83	78	80	S. W.	W.	12	12		O.	C.			0.12
Saturday, 24,	30.40	40	42	37	59	88	74	N.	E.	9	12		O.	N.			0.82
Week,																	

* O. = Cloudy; C. = Clear; F. = Fair; G. = Fog; H. = Hazy; S. = Smoky; R. = Rain; T. = Threatening; N. = Snow.

Weekly Bulletin

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MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 1, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 48.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Dec. 1, 1900.

Deaths reported to the State Board of Health in 31 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under Five Years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	560,892	186	58	49	16	3	4	17
Worcester,	118,421	33	15	4	1	..	..	1
Fall River,	104,863	25	8	7	6	4	..	..
Lowell,	94,969	28	9	8	4	1	1	..
Cambridge,	91,886	26	7	12	2	..	2	3
Lynn,	68,513	16	3	2	..	..	..	1
Lawrence,	62,559	19	6	4	3	..	..	..
New Bedford,	62,442	18	12	1	5	..	..	..
Springfield,	62,059	17	..	4	2	..	1	2
Somerville,	61,643	14	4	5	1	1	..	2
Holyoke,	45,712	17	9	6	..	1	..	3
Brockton,	40,063	6	3	..	..	..	..	..
Haverhill,	37,175	10	4	1	..	..	..	..
Salem,	35,956	14	4	2	..	1	..	1
Chelsea,	34,072	9	2	..	..	..	..	..
Malden,	33,664	6	3	3	..	..	1	1
Newton,	33,587	6	2	2	2	..	..	1
Fitchburg,	31,531	5	1	..	..	..	..	..
Taunton,	31,036	13	..	5	1	..	..	..
Gloucester,	26,121	7	3	4	..	..	..	3
Everett,	24,336	11	3	3	..	..	1	2
North Adams,	24,200	9	1	1	1	..	..	..
Quincy,	23,899	9	..	3	1	..	..	2
Waltham,	23,481	5	1	2	1	..	1	1
Pittsfield,	21,766	..	..	..	..	..	..	..
Brookline,	19,935	7	1	1	2	..	..	..
Chicopee,	19,167	4	1	..	2	..	..	..
Northampton,	18,643	..	..	..	..	..	..	..
Medford,	18,244	2	..	..	..	..	..	..
Newburyport,	14,478	5	2	1	..	..	1	..
Woburn,	14,254	..	..	..	..	..	..	..
Beverly,	13,884	..	..	..	..	..	..	..
Clinton,	13,667	3	1	1	..	..	..	..
Marlborough,	13,609	2	..	..	..	..	..	..
Hyde Park,	13,244	..	..	..	..	..	..	..
Melrose,	12,962	..	..	..	..	..	..	..
Leominster,	12,392	..	..	..	..	..	..	..
Westfield,	12,310	..	..	..	..	..	..	..
Peabody,	11,523	..	..	..	..	..	..	..
Milford,	11,376	..	..	..	..	..	..	..
Revere,	10,395	8	2	1	..	..	..	1

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under Five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,842,575	540	165	132	50	11	12	41

Deaths from Prevalent Diseases in 31 Cities and Larger Towns of Massachusetts.

One hundred and thirty-two deaths were reported from the principal infectious diseases: diarrhœal diseases, 11; diphtheria and croup, 41; typhoid fever, 12; cerebro-spinal meningitis, 5; whooping-cough, 2; scarlet fever, 4; erysipelas, 1; malaria, 1; measles, 1.

No deaths were reported from small-pox and puerperal fever.

There were 50 deaths from consumption, acute lung diseases, 50, and stillbirths, 36.

From cerebro-spinal meningitis: Boston, 1; Worcester, 1; Lowell, 1; Gloucester, 1; Brookline, 1. From whooping-cough: Boston and Somerville, 1 each. From scarlet fever: Boston, 2; Worcester and Malden, 1 each.

Deaths under five years of age numbered 165, as compared with 133 for the preceding week.

Deaths from the principal infectious diseases numbered 132, as compared with 113 for the preceding week.

The death rates for the week were Boston, 17.16; Worcester, 14.56; Fall River, 12.48; Cambridge, 14.56; Lowell, 15.60; New Bedford, 15.08; Lynn, 12.16; Somerville, 11.96; Lawrence, 15.00; Springfield, 14.24; Holyoke, 19.24; Brockton, 7.80; Haverhill, 14.04; Salem, 20.28; Malden, 9.36; Chelsea, 13.52; Gloucester, 14.04; Fitchburg, 8.32; Newton, 9.36; Everett, 23.40; Taunton, 21.84; Quincy, 19.76; Pittsfield, ——; Brookline, 18.20; Waltham, 10.92; North Adams, 19.24; Chicopee, 10.92; Northampton, ——; Medford, 5.72; Marlborough, 7.80; Melrose, ——; Newburyport, 17.68; Woburn, ——; Clinton, 11.44; Revere, 40.04.

The total death rate for the week was 15.18 as compared with 16.23 and 16.22 for the previous two weeks.

Cases of Infectious Diseases reported to the State Board of Health during the Week ending Dec. 1, 1900.

(Under the Provisions of Chapter 802 of the Acts of 1898.)

Scarlet fever,	141	Measles,	36
Diphtheria and croup,	431	Typhoid fever,	65
Small-pox,	0		

(SIGNED) S. W. ABBOTT, M.D.,
Secretary of the State Board of Health.

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Dec. 1, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A.M.	9 P.M.	MEAN.	8 A.M.	8 P.M.	8 A.M.	8 P.M.	8 A.M.	9 P.M.	DURATION.	AMOUNT IN INCHES.
Sunday, . Nov. 25,	30.09	40	43	36	100	100	100	N. E.	N.	16	14	R.	R.		0.82
Monday, . . 26,	29.68	42	46	37	100	98	99	N. E.	N.	22	11	R.	O.		1.79
Tuesday, . . 27,	29.68	36	39	33	100	99	100	N.	N.	12	22	R.	N.		0.03
Wednesday, . 28,	30.19	30	35	26	70	65	68	N. W.	N.	12	4	C.	C.		0.01
Thursday, . . 29,	30.19	36	43	28	80	88	84	S.	S. E.	2	9	F.	O.		T.
Friday, . . 30,	30.04	40	43	37	96	88	92	N.	N.	12	10	R.	O.		0.65
Saturday, . Dec. 1,	30.10	40	46	34	86	71	78	N. W.	N.	3	2	C.	F.		0.00
Week, . . .															

* O. = Cloudy; C. = Clear; F. = Fair; G. = Fog; H. = Hazy; S. = Smoky; R. = Rain; T. = Threatening; N. = Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

OF

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 8, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 49.

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SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Dec. 8, 1900.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under Five Years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	560,892	202	48	57	29	5	2	15
Worcester,	118,421	34	14	8	7	..	1	1
Fall River,	104,863	..	..	..	..	..	..	..
Lowell,	94,969	31	9	2	8	..	..	..
Cambridge,	91,886	19	5	6	1	..	..	2
Lynn,	68,513	16	1	5	1	..	..	..
Lawrence,	62,559	13	6	3	3	..	1	..
New Bedford,	62,442	20	7	2	4	..	1	..
Springfield,	62,059	24	5	9	1	..	1	1
Somerville,	61,643	28	10	9	3	2	..	3
Holyoke,	45,712	15	5	3	1	..	..	1
Brockton,	40,063	4	1	..	1	..	..	..
Haverhill,	37,175	13	2	..	1	..	..	..
Salem,	35,956	11	5	4	..	1	..	..
Chelsea,	34,072	10	3	1	..	..	..	1
Malden,	33,664	5	1	1	..	..	..	..
Newton,	33,587	5	2	1	..	..	..	1
Fitchburg,	31,531	8	3	1	1	..	..	1
Taunton,	31,036	8	1	1	..	..	..	..
Gloucester,	26,121	..	..	..	..	..	..	..
Everett,	24,336	11	9	2	4	..	..	..
North Adams,	24,200	7	3	1	..	..	..	..
Quincy,	23,899	9	4	5	2	..	..	1
Waltham,	23,481	8	..	2	1	..	..	..
Pittsfield,	21,766	..	..	..	..	..	..	..
Brookline,	19,935	..	..	..	..	..	..	..
Chicopee,	19,167	1	..	..	1	..	..	..
Northampton,	18,643	..	..	..	..	..	..	..
Medford,	18,244	4	3	1	..	..	..	..
Newburyport,	14,478	4	..	1	..	..	..	..
Woburn,	14,254	..	..	..	..	..	..	..
Beverly,	13,884	..	..	..	..	..	..	..
Clinton,	13,667	5	2	..	1	..	..	..
Marlborough,	13,609	5	1	..	1	..	..	..
Hyde Park,	13,244	..	..	..	..	..	..	..
Melrose,	12,962	5	1	1	..	..	..	..
Leominster,	12,392	..	..	..	..	..	..	..
Westfield,	12,310	..	..	..	..	..	..	..
Peabody,	11,523	..	..	..	..	..	..	..
Milford,	11,376	..	..	..	..	..	..	..
Revere,	10,395	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under Five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns,	1,694,233	525	151	126	71	8	7	27

Deaths from Prevalent Diseases in 28 Cities and Larger Towns of Massachusetts.

One hundred and twenty-six deaths were reported from the principal infectious diseases: diarrhœal diseases, 8; diphtheria and croup, 27; scarlet fever, 1; typhoid fever, 7; cerebro-spinal meningitis, 10; measles, 2; whooping-cough, 3; puerperal fever, 1; erysipelas, 6.

No deaths were reported from small-pox and malarial fever.

There were 61 deaths from consumption, acute lung diseases, 67, and stillbirths, 45.

From scarlet fever: Boston, 1. From cerebro-spinal meningitis: Boston, Worcester, Lawrence, Somerville, Salem, North Adams, Quincy and Medford,1 each; Everett, 2. From measles: Worcester and Holyoke, 1 each. From whooping-cough: Boston, Cambridge and Salem, 1 each. From puerperal fever: Boston, 1. From erysipelas: Boston, 3; Worcester, Springfield and Somerville, 1 each.

Deaths under five years of age numbered 151, as compared with 165 for the preceding week.

Deaths from the principal infectious diseases numbered 126, as compared with 132 for the preceding week.

The death rates for the week were Boston, 18.72; Worcester, 14.92; Fall River, ——; Lowell, 17.00; Cambridge, 10.76; Lynn, 12.22; Lawrence, 11.28; New Bedford, 16.64; Springfield, 20.12; Somerville, 23.60; Holyoke, 17.05; Brockton, 5.20; Haverhill, 18.25; Salem, 15.96; Chelsea, 15.28; Malden, 7.64; Newton, 7.64; Fitchburg, 13.00; Taunton, 13.41; Gloucester, ——; Everett, 23.81; North Adams, 15.18; Quincy, 19.50; Waltham, 18.20; Pittsfield, ——; Brookline, ——; Chicopee, 2.73; Northampton, ——; Medford, 11.54; Newburyport, 14.87; Woburn, ——; Beverly, ——; Clinton, 18.56; Marlborough, 18.56; Melrose, 20.02.

The total death rate for the week was 16.12 as compared with 15.18 and 16.22 for the previous two weeks.

Cases of Infectious Diseases reported to the State Board of Health during the Week ending Dec. 8, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	154	Measles,	60
Diphtheria and croup,	417	Typhoid fever,	66
Small-pox,	0		

(SIGNED) **S. W. ABBOTT, M.D.,**
Secretary of the State Board of Health.

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Dec. 8, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A.M.	8 P.M.	MEAN.	8 A.M.	8 P.M.	8 A.M.	8 P.M.	8 A.M.	8 P.M.	DURATION.	AMOUNT IN INCHES.
Sunday, 2,	30.23	40	45	36	83	77	80	N. W.	N.	4	4	F.	O.		0.00
Monday, 3,	30.24	44	51	36	83	72	78	W.	S. W.	4	9	O.	O.		0.00
Tuesday, 4,	29.70	45	49	41	82	98	90	S. W.	E.	5	31	O.	R.		1.04
Wednesday, 5,	29.52	38	49	28	100	90	95	N. W.	N. W.	20	10	O.	O.		0.48
Thursday, 6,	30.12	32	38	26	79	75	77	N. W.	W.	9	4	O.	O.		0.00
Friday, 7,	30.17	40	43	37	63	61	62	S. W.	S. W.	11	8	O.	O.		0.00
Saturday, 8,	30.04	33	37	29	78	80	79	N. W.	N.	9	4	F.	C.		0.00
Week,															

* O. = Cloudy; C. = Clear; F. = Fair; G. = Fog; H. = Hazy; S. = Smoky; R. = Rain; T. = Threatening; N. = Snow.

INSPECTION OF FOOD AND DRUGS.

The following summary presents the results of the examinations of Food and Drugs by the State Board of Health in the month of November, 1900.

ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.	ARTICLES EXAMINED.	Number found to be of good quality.	Number adulterated or varying from the legal standard.	TOTAL.
Milk,	273	189	462	Maple Syrup,	3	..	3
Butter,	11	1	12	Canned Goods,	..	..	..
Cheese,	6	..	6	Honey,	5	..	5
Lard,	3	1	4	Tea,	6	..	6
Olive Oil,	..	..	..	Coffee,	15	2	17
Vinegar,	..	1	1	Cocoa,	6	1	7
Spices,	111	13	124	Confectionery,	11	..	11
Cream of Tartar,	25	..	25	Other articles of Food and Drinks.	17	2	19
Molasses,	6	1	7	Drugs,	37	53	90
Syrups,	..	..	..				
Maple Sugar,	..	..	..				
				Totals,	535	264	799

Percentage of adulteration, 33.04. The actual ratio of adulteration is very much less than this, since it is only suspicious articles of food to which the attention of the Board is directed. Certain staple products, such as sugar, flour, and the various other cereal products, are very rarely adulterated, and require but little inspection. The work of the Board is therefore mainly devoted to the inspection of such articles as it has found, by several years of experience, to be especially liable to adulteration.

The ratio of samples of milk found to be below the standard was 40.9 per cent., as compared with 49.1 per cent. for the preceding month, while the percentage of adulterated articles of food was 9.

Three complaints were entered in the courts during the month for violation of the laws relative to the inspection of Food and Drugs.

All of these complaints were for violation of the statutes relative to the sale of milk. Fines were imposed amounting to $85.

The samples of drugs found to be adulterated were Acidum Tannicum, Chloroformum, Glycerinum, Oleum Limonis, Piper, Potassii Bitartras, Sodii Phosphas, Sulphur Praecipitatum, Sympus, Tincture Iodi, Zingiber.

Of 22 samples of Sodium Phosphate, 10 were found to contain arsenic in considerable quantity. One sample contained 0.049 per cent. of arsenic.

Cities and towns from which samples of food were collected were Boston, Cambridge, New Bedford, Brockton, Salem, Fitchburg, Newton, Waltham, Leominster, Natick, Plymouth, Dedham, Watertown, Clinton, Quincy, Revere, Brookline, Charlemont, Montague, Stoughton, Whitman, Walpole, Wayland and Abington.

The work of examination of fabrics for the presence of arsenic has been continued through the month and will be reported upon in a later issue.

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FOR THE

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MORTALITY OF MASSACHUSETTS

For the Week ending Dec. 15, 1900.

Deaths reported to the State Board of Health in 27 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

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				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	560,892	186	54	47	30	4	2	16
Worcester,	118,421	33	9	3	5	..	1	..
Fall River,	104,863	..	..	..	..	..	..	..
Lowell,	94,969	24	10	2	5	..	..	..
Cambridge,	91,886	30	10	10	6	..	2	3
Lynn,	68,513	..	..	..	..	..	..	..
Lawrence,	62,559	23	13	3	1	..	..	2
New Bedford,	62,442	25	15	2	7	..	..	..
Springfield,	62,059	21	9	4	3	1	1	..
Somerville,	61,643	16	6	4	2	..	..	..
Holyoke,	45,712	..	..	..	..	..	..	..
Brockton,	40,063	6	2	4	..	..	..	1
Haverhill,	37,175	8	..	2	1	..	..	..
Salem,	35,956	12	1	2	..	..	..	..
Chelsea,	34,072	5	1	..	..	..	..	..
Malden,	33,664	8	2	3	..	..	..	1
Newton,	33,587	15	..	1	..	..	..	..
Fitchburg,	31,531	7	3	1	2	..	..	1
Taunton,	31,036	7	1	..	2	..	..	..
Gloucester,	26,121	7	1	2	..	..	..	..
Everett,	24,336	8	4	5	2	..	..	..
North Adams,	24,200	7	3	2	2	..	..	1
Quincy,	23,899	3	..	..	..	..	..	..
Waltham,	23,481	..	..	..	..	..	..	..
Pittsfield,	21,766	..	..	..	..	..	..	..
Brookline,	19,935	..	..	..	..	..	..	..
Chicopee,	19,167	3	3	..	..	..	..	..
Northampton,	18,643	8	..	1	1	..	1	..
Medford,	18,244	3	1	..	..	..	..	..
Newburyport,	14,478	6	..	..	1	..	..	..
Woburn,	14,254	..	..	..	..	..	..	..
Beverly,	13,884	..	..	..	..	..	..	..
Clinton,	13,667	4	..	..	..	..	..	..
Marlborough,	13,609	4	..	2	..	..	..	..
Hyde Park,	13,244	..	..	..	..	..	..	..
Melrose,	12,962	5	1	1	2	..	..	..
Leominster,	12,392	..	..	..	..	..	..	..
Westfield,	12,310	..	..	..	..	..	..	..
Peabody,	11,523	..	..	..	..	..	..	..
Milford,	11,376	..	..	..	..	..	..	..
Revere,	10,395	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under Five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns, ..	1,601,261	484	149	101	72	5	7	25

Deaths from Prevalent Diseases in 27 Cities and Larger Towns of Massachusetts.

One hundred and one deaths were reported from the principal infectious diseases: diphtheria and croup, 25; typhoid fever, 7; diarrhœal diseases, 5; scarlet fever, 2; whooping-cough, 5; cerebro-spinal meningitis, 2; erysipelas, 2.

There were 47 deaths from consumption, acute lung diseases, 72; puerperal fever, 2; measles, 1; malarial fever, 1; and stillbirths, 27.

No deaths were reported from small-pox.

From scarlet fever: Boston, 2. From whooping-cough: Boston and Everett, 2 each; Brockton, 1. From cerebro-spinal meningitis: Boston and Haverhill, 1 each. From erysipelas: Boston and Somerville, 1 each. From puerperal fever: Boston, 2. From measles: Boston, 1. From malarial fever: Boston, 1.

Deaths under five years of age numbered 149, as compared with 151 for the preceding week.

Deaths from the principal infectious diseases numbered 101, as compared with 126 for the preceding week.

The death rates for the week were Boston, 17.26; Worcester, 14.45; Fall River, ——; Lowell, 13.67; Cambridge, 17.00; Lynn, ——; Lawrence, 19.13; New Bedford, 20.80; Springfield, 17.62; Somerville, 13.52; Holyoke, ——; Brockton, 7.80; Haverhill, 11.23; Salem, 17.31; Chelsea, 7.64; Malden, 12.37; Newton, 23.29; Fitchburg, 11.54; Taunton, 11.75; Gloucester, 13.93; Everett, 17.10; North Adams, 15.02; Quincy, 6.55; Waltham, ——; Pittsfield, ——; Brookline, ——; Chicopee, 8.16; Northampton, 22.36; Medford, 8.58; Newburyport, 21.68; Woburn, ——; Clinton, 15.23; Marlborough, 15.23; Melrose, 20.28.

The total death rate for the week was 15.70 as compared with 16.12 and 15.18 for the previous two weeks.

Cases of Infectious Diseases reported to the State Board of Health during the Week ending Dec. 15, 1900.

(Under the Provisions of Chapter 802 of the Acts of 1893.)

Scarlet fever,	101	Measles,	44
Diphtheria and croup,	357	Typhoid fever,	56
Small-pox,	1		

(SIGNED) **S. W. ABBOTT, M.D.,**
Secretary of the State Board of Health.

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*			RAIN-FALL.	
Week ending Saturday, Dec. 15, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A.M.	8 P.M.	MEAN.	8 A.M.	8 P.M.	8 A.M.	8 P.M.	8 A.M.	8 P.M.		DURATION.	AMOUNT IN INCHES.
Sunday, 9,	29.72	30	43	18	77	85	81	S. W.	W.	18	22	O.	C.			0.03
Monday, 10,	30.23	16	23	8	64	70	67	W.	S. W.	11	9	C.	C.			0.00
Tuesday, 11,	30.05	28	33	23	75	100	88	S.	W.	5	8	O.	N.			T
Wednesday, 12,	30.16	25	30	20	57	69	63	W.	S.	10	5	C.	C.			T
Thursday, 13,	29.76	36	48	24	75	69	72	S. W.	W.	18	18	O.	O.			0.00
Friday, 14,	30.18	20	32	9	68	72	70	N. W.	N. W.	16	12	C.	C.			0.00
Saturday, 15,	30.45	28	8	18	81	74	78	N. W.	N.	9	7	O.	C.			T
Week,																

* O. = Cloudy; C. = Clear; F. = Fair; G. = Fog; H. = Hazy; S. = Smoky; R. = Rain; T. = Threatening; N. = Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

OF

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 22, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 51.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

HENRY P. WALCOTT, M.D., Cambridge, *Chairman.*
JULIAN A. MEAD, M.D., Watertown.
HIRAM F. MILLS, C.E., Lawrence.
FRANK W. DRAPER, M.D., Boston.
GERARD C. TOBEY, Esq., Wareham.
JAMES W. HULL, Pittsfield.
CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Dec. 22, 1900.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under Five Years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	560,892	193	54	44	28	2	5	15
Worcester,	118,421	35	21	7	11	..	1	3
Fall River,	104,863	37	14	8	5	1	2	1
Lowell,	94,969	34	8	3	11	..	..	..
Cambridge,	91,886	23	4	7	5	..	..	3
Lynn,	68,513	..	..	..	..	..	..	..
Lawrence,	62,559	16	8	1	5	..	..	..
New Bedford,	62,442	19	5	4	2	..	2	..
Springfield,	62,059	18	3	4	4	..	2	1
Somerville,	61,643	10	4	3	2	..	..	1
Holyoke,	45,712	14	7	3	5	..	..	2
Brockton,	40,063	9	4	4	1	..	..	1
Haverhill,	37,175	4	..	1	..	..	..	1
Salem,	35,956	10	2	5	1	..	..	1
Chelsea,	34,072	16	4	2	..	..	..	1
Malden,	33,664	5	1	1	..	..	..	..
Newton,	33,587	8	5	2	..	..	..	..
Fitchburg,	31,531	6	3	2	2	..	..	1
Taunton,	31,036	7	2	1	4	..	..	..
Gloucester,	26,121	2	1	1	..	..	..	1
Everett,	24,336	7	3	..	3	..	..	..
North Adams,	24,200	8	2	2	1	..	1	..
Quincy,	23,899	5	1	1	..	..	..	..
Waltham,	23,481	7	3	..	..	..	..	..
Pittsfield,	21,766	..	..	..	..	..	..	..
Brookline,	19,935	..	..	..	..	..	..	..
Chicopee,	19,167	8	3	2	..	1	..	..
Northampton,	18,643	..	..	..	..	..	..	..
Medford,	18,244	2	..	1	..	..	1	..
Newburyport,	14,478	6	2	2	1	..	..	..
Woburn,	14,254	..	..	..	..	..	..	..
Beverly,	13,884	..	..	..	..	..	..	..
Clinton,	13,667	2	..	1	..	..	..	1
Marlborough,	13,609	..	..	..	..	..	..	..
Hyde Park,	13,244	..	..	..	..	..	..	..
Melrose,	12,962	4	1	..	..	..	..	..
Leominster,	12,392	..	..	..	..	..	..	..
Westfield,	12,310	..	..	..	..	..	..	..
Peabody,	11,523	..	..	..	..	..	..	..
Milford,	11,376	..	..	..	..	..	..	..
Revere,	10,395	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under Five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns, ..	1,743,085	515	165	112	91	4	14	33

Deaths from Prevalent Diseases in 28 Cities and Larger Towns of Massachusetts.

One hundred and twelve deaths were reported from the principal infectious diseases: diarrhœal diseases, 4; diphtheria and croup, 33; scarlet fever, 8; typhoid fever, 14; cerebro-spinal meningitis, 4; measles, 1; whooping-cough, 2.

No deaths were reported from small-pox, puerperal fever, malarial fever and erysipelas.

There were 45 deaths from consumption, acute lung diseases, 91, and stillbirths, 29.

From scarlet fever: Boston, 5. New Bedford, Brockton and Malden, 1 each. From cerebro-spinal meningitis: Lowell, Somerville, Salem and Newton, 1 each. From measles: Boston, 1. From whooping-cough: Boston and Worcester, 1 each. From typhoid fever: Boston, 5; New Bedford, Fall River and Springfield, 2 each; Worcester, North Adams and Medford, 1 each.

Deaths under five years of age numbered 165, as compared with 158 for the preceding week.

Deaths from the principal infectious diseases numbered 112, as compared with 105 for the preceding week.

The death rates for the week were Boston, 17.89; Worcester, 15.38; Fall River, 18.36; Lowell, 18.61; Cambridge, 13.01; Lynn, ——; Lawrence, 13.31; New Bedford, 15.83; Springfield, 15.10; Somerville, 8.44; Holyoke, 15.93; Brockton, 11.70; Haverhill, 5.59; Salem, 14.48; Chelsea, 24.40; Malden, 7.72; Newton, 12.38; Fitchburg, 9.90; Taunton, 11.74; Gloucester, 3.98; Everett, 14.98; North Adams, 17.19; Quincy, 10.87; Waltham, 15.49; Pittsfield, ——; Brookline, ——; Chicopee, 21.66; Northampton, ——; Medford, 5.71; Newburyport, 21.52; Woburn, ——; Beverly, ——; Clinton, 7.59; Marlborough, ——; Melrose, 16.00.

The total death rate for the week was 15.34 as compared with 15.70 and 16.12 for the previous two weeks.

Cases of Infectious Diseases reported to the State Board of Health during the Week ending Dec. 22, 1900.

(Under the Provisions of Chapter 802 of the Acts of 1898.)

Scarlet fever,	133	Measles,	57
Diphtheria and croup,	496	Typhoid fever,	87
Small-pox,	0		

(SIGNED) **S. W. ABBOTT, M.D.,**
Secretary of the State Board of Health

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROMETER.	THERMOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Dec. 22, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A.M.	8 P.M.	MEAN.	8 A.M.	8 P.M.	8 A.M.	8 P.M.	8 A.M.	8 P.M.	DURATION.	AMOUNT IN INCHES.
Sunday, 16,	30.40	18	23	14	92	67	80	N.	N. W.	16	9	N.	O.		T
Monday, 17,	30.35	20	30	11	57	40	48	N. W.	W.	9	4	F.	C.		0.00
Tuesday, 18,	30.20	30	43	17	44	64	54	S. W.	S. W.	3	13	C.	C.		0.00
Wednesday, 19,	30.04	40	48	31	81	65	73	S. W.	W.	8	11	O.	C.		0.00
Thursday, 20,	29.95	39	46	32	76	71	74	S. W.	W.	12	11	C.	C.		0.00
Friday, 21,	29.94	32	37	28	72	70	71	N.	N.	14	13	O.	O.		0.00
Saturday, 22,	30.07	36	44	27	82	43	62	N. W.	S. W.	8	8	F.	C.		0.00
Week,															

* O. = Cloudy; C. = Clear; F. = Fair; G. = Fog; H. = Hazy; S. = Smoky; R. = Rain; T. = Threatening; N. = Snow.

Weekly Bulletin

OF THE

STATE BOARD OF HEALTH

OF

MASSACHUSETTS

FOR THE

Week ending Saturday, Dec. 29, 1900.

An official publication of the State Board of Health of Massachusetts, published weekly at the office of the Board, State House, Boston, Mass.

VOL. XVIII. No. 52.

Entered at the post-office at Boston as second-class matter.

This publication contains the returns of deaths made each week to the State Board of Health from cities and towns in Massachusetts having over 10,000 inhabitants in each. Once in each month it also contains the returns of deaths from such other towns as report to the Board.

It also contains the reports of cases of infectious diseases returned by the boards of health of cities and towns.

Once in each month the work done under the Food and Drug Acts is also reported in this bulletin.

STATE BOARD OF HEALTH.

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CHARLES H. PORTER, Quincy.

SAMUEL W. ABBOTT, M.D., *Secretary.*

MORTALITY OF MASSACHUSETTS

For the Week ending Dec. 29, 1900.

Deaths reported to the State Board of Health in 28 Cities and Greater Towns.

The number of deaths *reported* each week does not exactly correspond with the number which *occurred* during that week, but the discrepancy is a slight one in most cases. The mortality report is published weekly, and contains the returns from all cities and towns having a population of more than 10,000 inhabitants.

We shall esteem it a great favor if all reporting towns will send us their returns weekly, as heretofore, upon postal cards provided for the purpose. A supply of these cards will be sent to any town clerk or health officer who has charge of such returns and is willing to comply with this request.

CITIES AND TOWNS.	Estimated Population.	Reported Deaths in Each.	Deaths under Five Years.	Deaths from				
				Principal Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Boston,	560,892	200	43	52	33	..	12	12
Worcester,	118,421	38	9	10	3	2	3	..
Fall River,	104,863	..	..	..	..	..	..	..
Lowell,	94,969	39	10	4	11	..	..	1
Cambridge,	91,886	23	6	4	1	..	..	2
Lynn,	68,513	..	..	..	..	..	..	..
Lawrence,	62,559	24	10	1	2	..	..	..
New Bedford,	62,442	36	9	9	7	..	1	..
Springfield,	62,059	12	6	2	3	..	1	..
Somerville,	61,643	19	3	4	2	..	..	..
Holyoke,	45,712	12	2	4	1	..	1	2
Brockton,	40,063	9	1	1	1	..	..	..
Haverhill,	37,175	13	1	4	2	..	..	1
Salem,	35,956	15	4	2	1	..	..	..
Chelsea,	34,072	16	5	2	..	..	..	..
Malden,	33,664	4	..	1	..	..	..	..
Newton,	33,587	14	5	3	1	..	..	1
Fitchburg,	31,531	4	3	..	..	..	..	..
Taunton,	31,036	14	3	4	2	..	1	..
Gloucester,	26,121	6	1	1	..	..	..	..
Everett,	24,336	5	2	2	..	..	..	1
North Adams,	24,200	6	2	..	..	..	..	..
Quincy,	23,899	4	..	2	..	1	..	..
Waltham,	23,481	13	5	1	3	..	..	1
Pittsfield,	21,766	..	..	..	..	..	..	..
Brookline,	19,935	3	..	1	1	..	..	..
Chicopee,	19,167	7	4	2	3	..	1	..
Northampton,	18,643	..	..	..	..	..	..	..
Medford,	18,244	4	..	..	..	..	..	..
Newburyport,	14,478	..	..	..	..	..	..	..
Woburn,	14,254	..	..	..	..	..	..	..
Beverly,	13,884	..	..	..	..	..	..	..
Clinton,	13,667	3	2	2	1	..	..	..
Marlborough,	13,609	3	..	2	..	..	..	..
Hyde Park,	13,244	..	..	..	..	..	..	..
Melrose,	12,962	2	..	..	..	..	..	..
Leominster,	12,392	..	..	..	..	..	..	..
Westfield,	12,310	..	..	..	..	..	..	..
Peabody,	11,523	..	..	..	..	..	..	..
Milford,	11,376	..	..	..	..	..	..	..
Attleborough,	11,335	..	..	..	..	..	..	..

RECAPITULATION.

	Estimated Population.	Deaths.	Deaths under Five.	Infectious Diseases.	Acute Lung Diseases.	Diarrhœal Diseases.	Typhoid Fever.	Diphtheria and Croup.
Total of reporting towns, ..	1,657,288	548	136	120	78	3	20	21

Deaths from Prevalent Diseases in 28 Cities and Larger Towns of Massachusetts.

One hundred and twenty deaths were reported from the principal infectious diseases: diarrhœal diseases, 3; diphtheria and croup, 21; scarlet fever, 6; typhoid fever, 20; cerebro-spinal meningitis, 5; measles, 1; whooping-cough, 7; erysipelas, 4.

No deaths were reported from small-pox, puerperal fever and malarial fever.

There were 51 deaths from consumption, acute lung diseases, 78, and stillbirths, 24.

From scarlet fever: Boston, 4; Worcester and Somerville, 1 each. From cerebro-spinal meningitis: Boston and Gloucester, 1 each; Worcester, 3. From measles: New Bedford, 1. From whooping-cough: Boston, 3; Clinton, 2; Chelsea and Everett, 1 each. From erysipelas: Lowell, Haverhill, Chelsea and Newton, 1 each.

Deaths under five years of age numbered 136, as compared with 165 for the preceding week.

Deaths from the principal infectious diseases numbered 120, as compared with 112 for the preceding week.

The death rates for the week were Boston, 18.54; Worcester, 16.69; Fall River, ——; Lowell, 21.37; Cambridge, 13.01; Lynn, ——; Lawrence, 19.97; New Bedford, 30.00; Springfield, 10.06; Somerville, 16.04; Holyoke, 13.68; Brockton, 11.70; Haverhill, 18.17; Salem, 21.73; Chelsea, 24.40; Malden, 6.17; Newton, 21.67; Fitchburg, 6.60; Taunton, 23.48; Gloucester, 11.95; Everett, 10.70; North Adams, 12.89; Quincy, 8.70; Waltham, 28.77; Pittsfield, ——; Brookline, 7.84; Chicopee, 18.96; Northampton, ——; Medford, 11.43; Newburyport, ——; Woburn, ——; Beverly, ——; Clinton, 11.39; Marlborough, 11.47; Melrose, 8.00.

The total death rate for the week was 17.19 as compared with 15.34 and 15.70 for the previous two weeks.

Cases of Infectious Diseases reported to the State Board of Health during the Week ending Dec. 29, 1900.

(Under the Provisions of Chapter 302 of the Acts of 1893.)

Scarlet fever,	119	Measles,	50
Diphtheria and croup,	363	Typhoid fever,	60
Small-pox,	0		

(SIGNED) **S. W. ABBOTT, M.D.,**
Secretary of the State Board of Health.

The Meteorological Record for the Week, in Boston, was as follows:

DATE.	BAROM-ETER.	THER-MOMETER.			RELATIVE HUMIDITY.			DIRECTION OF WIND.		VELOCITY OF WIND.		STATE OF WEATHER.*		RAIN-FALL.	
Week ending Saturday, Dec. 29, 1900.	MEAN.	MEAN.	MAXIMUM.	MINIMUM.	8 A.M.	8 P.M.	MEAN.	8 A.M.	8 P.M.	8 A.M.	8 P.M.	8 A.M.	8 P.M.	DURATION.	AMOUNT IN INCHES.
Sunday, 23,	30.09	45	56	34	82	82	82	S. W.	S.	18	15	O.	O.		0.00
Monday, 24,	29.82	52	59	44	88	86	87	S. W.	S. W.	11	9	O.	C.		0.23
Tuesday, 25,	29.80	40	45	36	82	57	70	W.	S. W.	9	14	C.	O.		0.00
Wednesday, 26,	29.90	32	38	25	82	52	67	S. W.	W.	10	20	F.	C.		T
Thursday, 27,	30.19	28	34	21	59	54	56	W.	W.	9	8	F.	C.		0.00
Friday, 28,	29.90	32	39	26	66	83	74	S. W.	W.	12	12	O.	C.		0.03
Saturday, 29,	29.97	30	36	24	68	74	71	W.	S. W.	10	13	C.	C.		0.00
Week,															

* O. = Cloudy; C. = Clear; F. = Fair; G. = Fog; H. = Hazy; S. = Smoky; R. = Rain; T. = Threatening; N. = Snow.

U. HOLZER, BINDER, BOSTON, MASS.